

Task1

|   |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
|---|--------|--|-----------------------------|-------|----------------|--|------------|-------|------------|-------|----------------|-------|------|--|----------------|-------|------------------|-------|-------------|--------|----------------|--------|------------------|--------|---------------------|--------|-------------------|--------|---------------|--|-------------------|--------|--------------------|--------|----------|--|------------------------|--|----------|--------|----------------|--------|-----------|--|----------|--------|----------------|--------|----------------|--|-------------|--------|------------------------|--|-------------|--------|---------------|--------|--------|--|--------------|--------|------------|--------|---------------|--------|-----------------|--|-----------------------------------|--------|--------|--------|-----------|--------|--------------------------------|--------|---------------------------------|--------|-------------------------|--------|------------------|--------|---------|--|-----|--------|----------------|--------|-------------------|--|-----------|--|------------|--------|---------------|--------|----------|--|-----------------------|--------|-----------|--------|-------------|--------|------------|--|-----------------|--------|---------------|--------|--------------|--------|---------------|--------|---------------|--------|---------|--------|-----------------|--|----------|--------|-----------|--------|-----------------|--------|------------------------|--|------------|--------|---------------|--------|---------------------|--|------|--------|--------|--------|
| Totally Integrated Automation Portal  |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
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| Program blocks  |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Main [OB1]  | 5 - 1  |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| test [DB2]  | 6 - 1  |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Logic_DB [DB4]  | 7 - 1  |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| RFID  |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| RFIDData [DB1]  | 8 - 1  |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| ReadValues [FC1]  | 9 - 1  |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Logic [FB1]   | 10 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Logic DB [DB3]  | 11 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| BufferData [FB2]  | 12 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| BufferData_DB [DB5]   | 13 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| WriteValues [FC2]   | 14 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| System blocks   |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Program resources   | 15 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Technology objects  | 16 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| PLC tags  |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Default tag table [55]  |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| PLC tags  | 17 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| User constants  | 18 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| RFID [16]   |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| PLC tags  | 19 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| User constants  | 20 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| PLC data types  |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| RFID_IOLink   | 21 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Watch and force tables  |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Force table   | 22 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Watch table_1   | 23 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Traces  |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Measurements  | 24 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Text lists  | 25 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Local modules   | 26 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Distributed I/O   |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| PROFINET IO-System (100): PN/IE_1   | 27 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| AL1100  | 28 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| 4 Ports_1   | 29 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| IO-Link In/Out 8/ 8 Byte + PQI  | 30 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| IO-Link In/Out 32/32 Byte + PQI   | 31 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| HMI_2 [KTP400 Basic PN]   | 32 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Runtime settings  | 33 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Screens   |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Log   | 34 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Read and write  | 35 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Screen management   |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Templates   |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Template_1  | 36 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Global screen   | 37 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| HMI tags  |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Default tag table [0]   | 38 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| RFID [16]   | 39 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Connections   | 40 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| HMI alarms  |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Discrete alarms   | 41 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Analog alarms   | 42 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Alarm groups  | 43 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Alarm classes   | 44 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| System events   | 45 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Recipes   | 46 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Historical data   |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Datalogs  | 47 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| AlarmLogs   | 48 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Scheduled tasks   | 49 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Text and graphic lists  |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Text lists  | 50 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Graphic lists   | 51 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| User administration   |        |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| User  | 52 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
| Groups  | 53 - 1 |  |                             |       |                |  |            |       |            |       |                |       |      |  |                |       |                  |       |             |        |                |        |                  |        |                     |        |                   |        |               |  |                   |        |                    |        |          |  |                        |  |          |        |                |        |           |  |          |        |                |        |                |  |             |        |                        |  |             |        |               |        |        |  |              |        |            |        |               |        |                 |  |                                   |        |        |        |           |        |                                |        |                                 |        |                         |        |                  |        |         |  |     |        |                |        |                   |  |           |  |            |        |               |        |          |  |                       |        |           |        |             |        |            |  |                 |        |               |        |              |        |               |        |               |        |         |        |                 |  |          |        |           |        |                 |        |                        |  |            |        |               |        |                     |  |      |        |        |        |
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| Totally Integrated Automation Portal  |  |       |  |  |                          |             |                       |
| Task1   |  |       |  |  |                          |             |                       |
| Project   |  |       |  |  |                          |             |                       |
| Name:   |  | Task1 | Creation time:                                       |  | 2/7/2019 8:23:08 PM      | Last change | 4/19/2019 10:14:02 AM |
| Author:   |  | RV    | Last modified by:                                    |  | RV                       | Version:    |                       |
| Comment:  |  |       |  |  |                          |             |                       |
| Operating system  |  |       |  |  |                          |             |                       |
| Name  |  |       | Description  |  |                          |             |                       |
| Operating system  |  |       | Microsoft Windows 8.1 Pro                            |  |                          |             |                       |
| Version of the operating system   |  |       | 6.3.9600.0   |  |                          |             |                       |
| Operating system service pack   |  |       |  |  |                          |             |                       |
| Version of the Internet Explorer  |  |       | 9.11.9600.19236                                      |  |                          |             |                       |
| Computer name   |  |       | RVHOME   |  |                          |             |                       |
| User name   |  |       | RVHOME\RV  |  |                          |             |                       |
| Installation path of the TIA Portal   |  |       | C:\Program Files (x86)\Siemens\Automation\Portal V13 |  |                          |             |                       |
| Components  |  |       |  |  |                          |             |                       |
| Name  |  |       | Version  |  | Release                  |             |                       |
| WinCC Runtime Advanced V15.0 - SIMATIC WinCC Runtime Advanced V15.0 (HMIRTM_V11)                            |  |       | V15.0  |  | V15.00.00.00_26.01.00.01 |             |                       |
| WinCC Runtime Advanced V15.0 - HMIRTM Tagging Package 01 Single SetupPackage V15.0 (HMIRTM_V11)             |  |       | V15.0  |  | V15.00.00.00_26.01.00.01 |             |                       |
| TIA Portal Multiuser Server V14 - TIA Portal Multiuser Server Single SetupPackage V14.0 SP1 (MUSERVERV14)   |  |       | V14.0 + SP1  |  | V14.00.01.00_12.01.00.01 |             |                       |
| TIA Portal Multiuser Server V15 - TIA Portal Multiuser Server Single SetupPackage V15.0 (MUSERVERV15)       |  |       | V15.0  |  | V15.00.00.00_26.01.00.01 |             |                       |
| SIMATIC S7-PLCSIM (S7_PLCSIM_V13)   |  |       | V13.0 + SP1 + Upd1                                   |  | V13.00.01.01_01.75.00.01 |             |                       |
| Siemens Totally Integrated Automation Portal V13 - SIMATIC S7-PLCSIM V13.0 + SP1 + Upd1 (S7_PLCSIM_V13)     |  |       | V13.0 + SP1 + Upd1                                   |  | V13.00.01.01_01.75.00.01 |             |                       |
| TIA Administrator - AWB Licensing Module V1.0 (TIAADMIN)  |  |       | V1.0   |  | V01.00.00.00_01.25.00.02 |             |                       |
| TIA Administrator - AWB Software Management V1.0 (TIAADMIN)   |  |       | V1.0   |  | V01.00.00.00_01.25.00.02 |             |                       |
| TIA Administrator - TIA UMC Agent Configurator Module V1.0 (TIAADMIN)                                       |  |       | V1.0   |  | V01.00.00.00_01.25.00.02 |             |                       |
| TIA Administrator - TIA Administrator V1.0 (TIAADMIN)   |  |       | V1.0   |  | V01.00.00.00_01.25.00.02 |             |                       |
| Totally Integrated Automation Portal V13 - TIA Portal Single SetupPackage V13.0 + SP1 (TIAP13)              |  |       | V13.0 + SP1  |  | V13.00.01.00_25.01.00.01 |             |                       |
| Siemens Totally Integrated Automation Portal V13 - HM All Editions Single SetupPackage V13.0 + SP1 (TIAP13) |  |       | V13.0 + SP1  |  | V13.00.01.00_25.01.00.01 |             |                       |
| Siemens Totally Integrated Automation Portal V13 - HM NoBasic Single SetupPackage V13.0 + SP1 (TIAP13)      |  |       | V13.0 + SP1  |  | V13.00.01.00_25.01.00.01 |             |                       |
| Siemens Totally Integrated Automation Portal V13 - Hardware Support Base Package 0 V13.0 (TIAP13)           |  |       | V13.0  |  | V13.00.00.00_10.01.00.03 |             |                       |
| Siemens Totally Integrated Automation Portal V13 - STEP 7 Single SetupPackage V13.0 + SP1 (TIAP13)          |  |       | V13.0 + SP1  |  | V13.00.01.00_25.01.00.01 |             |                       |
| Siemens Totally Integrated Automation Portal V13 - Hardware Support Base Package 02 V13.0 (TIAP13)          |  |       | V13.0  |  | V13.00.00.00_10.01.00.03 |             |                       |
| Siemens Totally Integrated Automation Portal V13 - Hardware Support Base Package 03 V13.0 (TIAP13)          |  |       | V13.0  |  | V13.00.00.00_10.01.00.03 |             |                       |
| Siemens Totally Integrated Automation Portal V13 - Support Base Package TO-01 V13.0 (TIAP13)                |  |       | V13.0  |  | V13.00.00.00_10.01.00.03 |             |                       |
| Siemens Totally Integrated Automation Portal V13 - Support Base Package TO-02 V13.0 (TIAP13)                |  |       | V13.0  |  | V13.00.00.00_10.01.00.03 |             |                       |
| Siemens Totally Integrated Automation Portal V13 - Hardware Support Base Package WCF-01 V13.0 (TIAP13)      |  |       | V13.0  |  | V13.00.00.00_10.01.00.03 |             |                       |
| Siemens Totally Integrated Automation Portal V13 - TIACOMPCHECK Single SetupPackage V13.0 + SP1 (TIAP13)    |  |       | V13.0 + SP1  |  | V13.00.01.00_25.01.00.01 |             |                       |
| Siemens Totally Integrated Automation Portal V13 - TIA Tour Single SetupPackage V13.0 + SP1 (TIAP13)        |  |       | V13.0 + SP1  |  | V13.00.01.00_25.01.00.01 |             |                       |
| Siemens Totally Integrated Automation Portal V13 - Simatic Single SetupPackage V13.0 + SP1 (TIAP13)         |  |       | V13.0 + SP1  |  | V13.00.01.00_25.01.00.01 |             |                       |
| Siemens Totally Integrated Automation Portal V13 - WinCC Single SetupPackage V13.0 + SP1 (TIAP13)           |  |       | V13.0 + SP1  |  | V13.00.01.00_25.01.00.01 |             |                       |
| User Management Component - UserManagementComponentx64 01.9 (UMC64)   |  |       | V01.9  |  | V01.09.00.00_04.13.00.03 |             |                       |
| Automation Software Updater   |  |       | 02.03.0000   |  | V02.03.00.00_01.01.00.48 |             |                       |
| SIEMENS OPC   |  |       | 3.9  |  | 03.09.08.00_01.07.00.01  |             |                       |
| SIMATIC HMI ProSave   |  |       | 15.0.0.0   |  | V15.00.00.00_26.01.00.01 |             |                       |
| SIMATIC HMI Symbol Library  |  |       | 15.0.0.0   |  | V15.00.00.00_26.01.00.01 |             |                       |
| SIMATIC HMI Touch Input   |  |       | 15.0.0.0   |  | V15.00.00.00_26.01.00.01 |             |                       |
| SIMATIC Device Drivers WoW  |  |       | 29.2   |  | 29.02.00.00_01.15.00.04  |             |                       |
| SIMATIC Event Database  |  |       | 5.6  |  | 05.06.00.00_03.01.00.01  |             |                       |
| SeCon   |  |       | 2.5  |  | V02.05.00.00_01.05.00.04 |             |                       |
| WinCC Runtime Advanced Simulator  |  |       | 15.0.0.0   |  | V15.00.00.00_26.01.00.01 |             |                       |
| Products  |  |       |  |  |                          |             |                       |
| Name  |  |       | Version  |  | Release                  |             |                       |
| SIMATIC WinCC Runtime Advanced Simulation   |  |       | V15.0  |  | V15.00.00.00_26.01.00.01 |             |                       |
| TIA Portal Multiuser Server   |  |       | V14.0 SP1  |  | V14.00.01.00_12.01.00.01 |             |                       |
| TIA Portal Multiuser Server   |  |       | V15.0  |  | V15.00.00.00_26.01.00.01 |             |                       |
| SIMATIC S7-PLCSIM   |  |       | V13.0 SP1 Upd1                                       |  | V13.00.01.01_01.75.00.01 |             |                       |
| TIA Administrator   |  |       | V1.0   |  | V01.00.00.00_01.00.00.01 |             |                       |
| SIMATIC STEP 7 Professional   |  |       | V13.0 SP1  |  | V13.00.01.00_25.01.00.01 |             |                       |
| SIMATIC WinCC Basic   |  |       | V13.0 SP1  |  | V13.00.01.00_25.01.00.01 |             |                       |
| SIMATIC STEP 7 Professional   |  |       | V14.0 SP1  |  | V14.00.01.00_12.01.00.01 |             |                       |
| SIMATIC WinCC Basic   |  |       | V14.0 SP1  |  | V14.00.01.00_12.01.00.01 |             |                       |
| SIMATIC STEP 7 Professional - WinCC Advanced  |  |       | V15.0  |  | V15.00.00.00_26.01.00.01 |             |                       |
| User Management Component x64   |  |       | V1.9   |  | V01.09.00.00_04.12.00.03 |             |                       |
| Siemens Automation License Manager  |  |       | V6.0   |  | 06.00.00.00_01.22.00.08  |             |                       |
| S7-PLCSIM   |  |       | V5.4 + SP7   |  | V05.04.07.00_01.44.00.01 |             |                       |
|   |  |       |  |  |                          |             |                       |

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| <b>Name</b>                          | <b>Version</b> | <b>Release</b>           |
| SIMATIC ProSave                      | V15.0          | V15.00.00.00_26.01.00.01 |
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## Task1

### PLC\_1 [CPU 1212C AC/DC/Rly]

|   |  |   |  |                      |                         |
|---|--|---|--|----------------------|-------------------------|
| PLC_1   |  |   |  |                      |                         |
| General\Project information   |  |   |  |                      |                         |
| Name  | PLC_1                                      | Author                                      | RV   | Comment              |                         |
| Slot  | 1  | Rack  | 0  |                      |                         |
| General\Catalog information   |  |   |  |                      |                         |
| Short designation   | CPU 1212C AC/DC/Rly                        | Description                                 | Work memory 75 KB; 120/240VAC power supply with DI8 x 24VDC SINK/SOURCE, DQ6 x relay and AI2 on board; 4 high-speed counters (expandable with digital signal board) and 4 pulse outputs on board; signal board expands on-board I/O; up to 3 communication modules for serial communication; up to 2 signal modules for I/O expansion; 0.04 ms/1000 instructions; PROFINET interface for programming, HMI and PLC to PLC communication | Article number       | 6ES7 212-1BE40-0XB0     |
| Firmware version  | V4.1                                       |   |  |                      |                         |
| General\Identification & Maintenance                                |  |   |  |                      |                         |
| Plant designation   |  | Location identifier                         |  | Installation date    | 2019-02-07 20:23:25.154 |
| Additional information  |  |   |  |                      |                         |
| PROFINET interface [X1]\General                                     |  |   |  |                      |                         |
| Name  | PROFINET interface_1                       | Author                                      | RV   | Comment              |                         |
| PROFINET interface [X1]\General\Project information                 |  |   |  |                      |                         |
| Name  | DI 8/DQ 6_1                                | Comment                                     |  | Name                 | AI 2_1                  |
| Comment   |  |   |  |                      |                         |
| PROFINET interface [X1]\Ethernet addresses\Interface networked with |  |   |  |                      |                         |
| Subnet:   | PN/IE_1                                    |   |  |                      |                         |
| PROFINET interface [X1]\Ethernet addresses\IP protocol              |  |   |  |                      |                         |
|   | Set IP address in the project              | IP address:                                 | 192.168.1.100  | Subnet mask:         | 255.255.255.0           |
| Use router  | False                                      |   |  |                      |                         |
| PROFINET interface [X1]\Ethernet addresses\PROFINET                 |  |   |  |                      |                         |
| PROFINET device name is set directly at the device                  | False                                      | Generate PROFINET device name automatically | True   | PROFINET device name | plc_1                   |
| Converted name:   | plcxb1d0ed                                 | Device number:                              | 0  |                      |                         |
| PROFINET interface [X1]\Time synchronization                        |  |   |  |                      |                         |
| Enable time synchronization via NTP server                          | Enable time synchronization via NTP server |   | IP addresses   | Server 1             | 0.0.0.0                 |
| Server 2  | 0.0.0.0                                    | Server 3                                    | 0.0.0.0  | Server 4             | 0.0.0.0                 |
| Update interval   | 10sec                                      |   |  |                      |                         |
| PROFINET interface [X1]\Digital inputs\Channel0                     |  |   |  |                      |                         |
| Channel address   | I0.0                                       | Input filters                               | 6.4 millisec   | Enable pulse catch   | 0                       |
| PROFINET interface [X1]\Digital inputs\Channel0\                    |  |   |  |                      |                         |
| Enable rising edge detection  | 0  | RidPrefixRisingEdgeEvent                    | 49152  | Event name:          | 0                       |
| Hardware interrupt:   | 0  | Rising edge0                                | Rising edge0   |                      |                         |
| PROFINET interface [X1]\Digital inputs\Channel0\                    |  |   |  |                      |                         |
| Enable falling edge detection                                       | 0  | RidPrefixFallingEdgeEvent                   | 49280  | Event name:          | 0                       |
| Hardware interrupt:   | 0  | Falling edge0                               | Falling edge0  |                      |                         |
| PROFINET interface [X1]\Digital inputs\Channel1                     |  |   |  |                      |                         |
| Channel address   | I0.1                                       | Input filters                               | 6.4 millisec   | Enable pulse catch   | 0                       |
| PROFINET interface [X1]\Digital inputs\Channel1\                    |  |   |  |                      |                         |
| Enable rising edge detection  | 0  | RidPrefixRisingEdgeEvent                    | 49153  | Event name:          | 0                       |
| Hardware interrupt:   | 0  | Rising edge1                                | Rising edge1   |                      |                         |
| PROFINET interface [X1]\Digital inputs\Channel1\                    |  |   |  |                      |                         |
| Enable falling edge detection                                       | 0  | RidPrefixFallingEdgeEvent                   | 49281  | Event name:          | 0                       |
| Hardware interrupt:   | 0  | Falling edge1                               | Falling edge1  |                      |                         |
| PROFINET interface [X1]\Digital inputs\Channel2                     |  |   |  |                      |                         |
| Channel address   | I0.2                                       | Input filters                               | 6.4 millisec   | Enable pulse catch   | 0                       |
| PROFINET interface [X1]\Digital inputs\Channel2\                    |  |   |  |                      |                         |
| Enable rising edge detection  | 0  | RidPrefixRisingEdgeEvent                    | 49154  | Event name:          | 0                       |
| Hardware interrupt:   | 0  | Rising edge2                                | Rising edge2   |                      |                         |
| PROFINET interface [X1]\Digital inputs\Channel2\                    |  |   |  |                      |                         |
| Enable falling edge detection                                       | 0  | RidPrefixFallingEdgeEvent                   | 49282  | Event name:          | 0                       |
| Hardware interrupt:   | 0  | Falling edge2                               | Falling edge2  |                      |                         |
| PROFINET interface [X1]\Digital inputs\Channel3                     |  |   |  |                      |                         |
| Channel address   | I0.3                                       | Input filters                               | 6.4 millisec   | Enable pulse catch   | 0                       |
| PROFINET interface [X1]\Digital inputs\Channel3\                    |  |   |  |                      |                         |
| Enable rising edge detection  | 0  | RidPrefixRisingEdgeEvent                    | 49155  | Event name:          | 0                       |
| Hardware interrupt:   | 0  | Rising edge3                                | Rising edge3   |                      |                         |
| PROFINET interface [X1]\Digital inputs\Channel3\                    |  |   |  |                      |                         |
| Enable falling edge detection                                       | 0  | RidPrefixFallingEdgeEvent                   | 49283  | Event name:          | 0                       |
| Hardware interrupt:   | 0  | Falling edge3                               | Falling edge3  |                      |                         |
| PROFINET interface [X1]\Digital inputs\Channel4                     |  |   |  |                      |                         |
| Channel address   | I0.4                                       | Input filters                               | 6.4 millisec   | Enable pulse catch   | 0                       |

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| PROFINET interface [X1]\Digital inputs\Channel4\           |                      |   |                          |                             |         |  |
| Enable rising edge detection                               | 0                    | RidPrefixRisingEdgeEvent                                      | 49156                    | Event name:                 | 0       |  |
| Hardware interrupt:  | 0                    | Rising edge4  | Rising edge4             |                             |         |  |
| PROFINET interface [X1]\Digital inputs\Channel4\           |                      |   |                          |                             |         |  |
| Enable falling edge detection                              | 0                    | RidPrefixFallingEdgeEvent                                     | 49284                    | Event name:                 | 0       |  |
| Hardware interrupt:  | 0                    | Falling edge4   | Falling edge4            |                             |         |  |
| PROFINET interface [X1]\Digital inputs\Channel5            |                      |   |                          |                             |         |  |
| Channel address  | I0.5                 | Input filters   | 6.4 millisec             | Enable pulse catch          | 0       |  |
| PROFINET interface [X1]\Digital inputs\Channel5\           |                      |   |                          |                             |         |  |
| Enable rising edge detection                               | 0                    | RidPrefixRisingEdgeEvent                                      | 49157                    | Event name:                 | 0       |  |
| Hardware interrupt:  | 0                    | Rising edge5  | Rising edge5             |                             |         |  |
| PROFINET interface [X1]\Digital inputs\Channel5\           |                      |   |                          |                             |         |  |
| Enable falling edge detection                              | 0                    | RidPrefixFallingEdgeEvent                                     | 49285                    | Event name:                 | 0       |  |
| Hardware interrupt:  | 0                    | Falling edge5   | Falling edge5            |                             |         |  |
| PROFINET interface [X1]\Digital inputs\Channel6            |                      |   |                          |                             |         |  |
| Channel address  | I0.6                 | Input filters   | 6.4 millisec             | Enable pulse catch          | 0       |  |
| PROFINET interface [X1]\Digital inputs\Channel6\           |                      |   |                          |                             |         |  |
| Enable rising edge detection                               | 0                    | RidPrefixRisingEdgeEvent                                      | 49158                    | Event name:                 | 0       |  |
| Hardware interrupt:  | 0                    | Rising edge6  | Rising edge6             |                             |         |  |
| PROFINET interface [X1]\Digital inputs\Channel6\           |                      |   |                          |                             |         |  |
| Enable falling edge detection                              | 0                    | RidPrefixFallingEdgeEvent                                     | 49286                    | Event name:                 | 0       |  |
| Hardware interrupt:  | 0                    | Falling edge6   | Falling edge6            |                             |         |  |
| PROFINET interface [X1]\Digital inputs\Channel7            |                      |   |                          |                             |         |  |
| Channel address  | I0.7                 | Input filters   | 6.4 millisec             | Enable pulse catch          | 0       |  |
| PROFINET interface [X1]\Digital inputs\Channel7\           |                      |   |                          |                             |         |  |
| Enable rising edge detection                               | 0                    | RidPrefixRisingEdgeEvent                                      | 49159                    | Event name:                 | 0       |  |
| Hardware interrupt:  | 0                    | Rising edge7  | Rising edge7             |                             |         |  |
| PROFINET interface [X1]\Digital inputs\Channel7\           |                      |   |                          |                             |         |  |
| Enable falling edge detection                              | 0                    | RidPrefixFallingEdgeEvent                                     | 49287                    | Event name:                 | 0       |  |
| Hardware interrupt:  | 0                    | Falling edge7   | Falling edge7            |                             |         |  |
| PROFINET interface [X1]\Analog inputs\Noise reduction      |                      |   |                          |                             |         |  |
| Integration time   | 50 Hz (20 ms)        |   |                          |                             |         |  |
| PROFINET interface [X1]\Analog inputs\Channel0             |                      |   |                          |                             |         |  |
| Channel address  | IW64                 | Measurement type  | Voltage                  | Voltage range               | 0..10 V |  |
| Smoothing  | Weak (4 cycles)      |   |                          | Enable overflow diagnostics | 1       |  |
| PROFINET interface [X1]\Analog inputs\Channel1             |                      |   |                          |                             |         |  |
| Channel address  | IW66                 | Measurement type  | Voltage                  | Voltage range               | 0..10 V |  |
| Smoothing  | Weak (4 cycles)      |   |                          | Enable overflow diagnostics | 1       |  |
| PROFINET interface [X1]\Digital outputs                    |                      |   |                          |                             |         |  |
| Reaction to CPU STOP                                       | Use substitute value |   |                          |                             |         |  |
| PROFINET interface [X1]\Digital outputs\Channel0           |                      |   |                          |                             |         |  |
| Channel address  | Q0.0                 | Substitute a value of 1 on a change from RUN to STOP.         | 0                        |                             |         |  |
| PROFINET interface [X1]\Digital outputs\Channel1           |                      |   |                          |                             |         |  |
| Channel address  | Q0.1                 | Substitute a value of 1 on a change from RUN to STOP.         | 0                        |                             |         |  |
| PROFINET interface [X1]\Digital outputs\Channel2           |                      |   |                          |                             |         |  |
| Channel address  | Q0.2                 | Substitute a value of 1 on a change from RUN to STOP.         | 0                        |                             |         |  |
| PROFINET interface [X1]\Digital outputs\Channel3           |                      |   |                          |                             |         |  |
| Channel address  | Q0.3                 | Substitute a value of 1 on a change from RUN to STOP.         | 0                        |                             |         |  |
| PROFINET interface [X1]\Digital outputs\Channel4           |                      |   |                          |                             |         |  |
| Channel address  | Q0.4                 | Substitute a value of 1 on a change from RUN to STOP.         | 0                        |                             |         |  |
| PROFINET interface [X1]\Digital outputs\Channel5           |                      |   |                          |                             |         |  |
| Channel address  | Q0.5                 | Substitute a value of 1 on a change from RUN to STOP.         | 0                        |                             |         |  |
| PROFINET interface [X1]\Operating mode                     |                      |   |                          |                             |         |  |
| IO controller  | True                 | IO system   | PROFINET IO-System (100) | Device number               | 0       |  |
| IO device  | False                |   |                          |                             |         |  |
| PROFINET interface [X1]\I/O addresses\Input addresses      |                      |   |                          |                             |         |  |
| Start address  | 0                    | End address   | 0                        | Organization block          | 0       |  |
| Process image  | 0                    |   |                          |                             |         |  |
| PROFINET interface [X1]\I/O addresses\Output addresses     |                      |   |                          |                             |         |  |
| Start address  | 0                    | End address   | 0                        | Organization block          | 0       |  |
| Process image  | 0                    |   |                          |                             |         |  |
| PROFINET interface [X1]\Advanced options\Interface options |                      |   |                          |                             |         |  |
| Support device replacement without exchangeable medium     | True                 | Permit overwriting of device names of all assigned IO devices | False                    | Use IEC V2.2 LLDP mode      | False   |  |
| Send keepalives for connections                            | 30s                  |   |                          |                             |         |  |
|  |                      |   |                          |                             |         |  |
|  |                      |   |                          |                             |         |  |

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| PROFINET interface [X1]\Advanced options\Real time settings\IO communication                  |  |   |   |   |  |                                  |
| Send clock:   | 1.000ms  |   |   |   |  |                                  |
| PROFINET interface [X1]\Advanced options\Real time settings\Real time options                 |  |   |   |   |  |                                  |
| Calculated bandwidth for cyclic IO data:  | 0.008ms  |   |   |   |  |                                  |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\General                                 |  |   |   |   |  |                                  |
| Name  | Port_1   |   | Author  | RV                                      | Comment  |                                  |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port interconnection\Local port:        |  |   |   |   |  |                                  |
| Local port:   | PLC_1\PROFINET interface_1 [X1]\Port_1 [X1 P1] |   | Medium:   | Copper                                  | Cable name:  | ---                              |
|   |  |  |   |   |  |                                  |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port interconnection\Partner port:      |  |   |   |   |  |                                  |
|   | Monitoring of partner port is not possible     |   | Alternative partners  | False                                   | Partner port:  | Any partner                      |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Activate                   |  |   |   |   |  |                                  |
| Activate this port for use  | True   |   |   |   |  |                                  |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Connection                 |  |   |   |   |  |                                  |
| Transmission rate / duplex:   | Automatic                                      |   | Monitor   | False                                   | Enable autonegotiation   | True                             |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Boundaries                 |  |   |   |   |  |                                  |
| End of detection of accessible devices  | False  |   | End of topology discovery   | False                                   | End of the sync domain   | False                            |
| PROFINET interface [X1]\Advanced options\Port [X1 P1]\Hardware identifier\Hardware identifier |  |   |   |   |  |                                  |
| Hardware identifier   | 65   |   |   |   |  |                                  |
| PROFINET interface [X1]\Web server access   |  |   |   |   |  |                                  |
| Enable Web server using this interface  | False  |   | The Web server must also be activated in the properties of the PLC. |   |  |                                  |
| PROFINET interface [X1]\Hardware identifier\Hardware identifier                               |  |   |   |   |  |                                  |
| Hardware identifier   | 264  |   | Hardware identifier   | 64                                      |  |                                  |
| High speed counters (HSC)\HSC1\General\Enable   |  |   |   |   |  |                                  |
| Enable this high speed counter  | 0  |   |   |   |  |                                  |
| High speed counters (HSC)\HSC1\General\Project information                                    |  |   |   |   |  |                                  |
| Name  | HSC_1  |   | Comment   |   |  |                                  |
| High speed counters (HSC)\HSC1\Function   |  |   |   |   |  |                                  |
| Type of counting  | Count  |   | Operating phase   | Single phase                            |  |                                  |
| Counting direction is specified by  | User program (internal direction control)      |   | Initial counting direction  | Count up                                |  |                                  |
| Frequency measuring period  | -/sec  |   |   |   |  |                                  |
| High speed counters (HSC)\HSC1\Reset to initial values\Reset values                           |  |   |   |   |  |                                  |
| Initial counter value   | 0  |   | Initial reference value   | 0                                       |  |                                  |
| High speed counters (HSC)\HSC1\Reset to initial values\Reset options                          |  |   |   |   |  |                                  |
| Use external reset input  | 0  |   | Reset signal level  | -/-                                     |  |                                  |
| High speed counters (HSC)\HSC1\Event configuration\   |  |   |   |   |  |                                  |
| Generate interrupt for counter value equals reference value event.                            | 0  |   | RidPrefixCvEqualsPv   | 49152                                   | Event name:  | 0                                |
| Hardware interrupt:   | 0  |   | Counter value equal to reference value0                             | Counter value equal to reference value0 | ValueNull  | 0                                |
| ValueNull   | 0  |   | EventPriority   | 6                                       |  |                                  |
| High speed counters (HSC)\HSC1\Event configuration\   |  |   |   |   |  |                                  |
| Generate interrupt for external reset event.  | 0  |   | RidPrefixExternalReset  | 49408                                   | Event name:  | 0                                |
| Hardware interrupt:   | 0  |   | External reset0   | External reset0                         | ValueNull  | 0                                |
| ValueNull   | 0  |   | EventPriority   | 6                                       |  |                                  |
| High speed counters (HSC)\HSC1\Event configuration\   |  |   |   |   |  |                                  |
| Generate interrupt for change of direction event.   | 0  |   | RidPrefixDirection-Change   | 49280                                   | Event name:  | 0                                |
| Hardware interrupt:   | 0  |   | Change of direction0  | Change of direction0                    | ValueNull  | 0                                |
| ValueNull   | 0  |   | EventPriority   | 6                                       |  |                                  |
| High speed counters (HSC)\HSC1\Hardware inputs\   |  |   |   |   |  |                                  |
| Clock generator input   | ---  |   | HSCInput0_Status  | 1                                       | Direction input  | ---                              |
| Reset input   | ---  |   | Adapter name the user control should use for the address string     | HscChannel.AddressString                | Adapter name the user control should use for the SpeedAndSourceDisplay | HscChannel.SpeedAndSourceDisplay |
| Adapter name the user control should use for the Output Source                                | HscChannel.OutputSource                        |   |   |   |  |                                  |
| High speed counters (HSC)\HSC1\Hardware inputs\   |  |   |   |   |  |                                  |
| Direction input   | ---  |   | HSCInput1_Status  | 1                                       | Clock generator input  | ---                              |
|   |  |   |   |   |  |                                  |



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| Reset input  | ---                                       | Adapter name the user control should use for the address string | HscChannel.AddressString                | Adapter name the user control should use for the SpeedAndSourceDisplay | HscChannel.SpeedAndSourceDisplay |
| Adapter name the user control should use for the Output Source         | HscChannel.OutputSource                   |   |   |  |                                  |
| High speed counters (HSC)\HSC1\Hardware inputs\                        |   |   |   |  |                                  |
| Reset input  | ---                                       | HSCInput2_Status  | 1                                       | Clock generator input  | ---                              |
| Direction input  | ---                                       | Adapter name the user control should use for the address string | HscChannel.AddressString                | Adapter name the user control should use for the SpeedAndSourceDisplay | HscChannel.SpeedAndSourceDisplay |
| Adapter name the user control should use for the Output Source         | HscChannel.OutputSource                   |   |   |  |                                  |
| High speed counters (HSC)\HSC1\I/O addresses\Input addresses           |   |   |   |  |                                  |
| Start address  | 1000                                      | End address   | 1003                                    | Organization block   | 0                                |
| Process image  | 0   |   |   |  |                                  |
| High speed counters (HSC)\HSC1\Hardware identifier\Hardware identifier |   |   |   |  |                                  |
| Hardware identifier  | 257                                       |   |   |  |                                  |
| High speed counters (HSC)\HSC2\General\Enable                          |   |   |   |  |                                  |
| Enable this high speed counter   | 0   |   |   |  |                                  |
| High speed counters (HSC)\HSC2\General\Project information             |   |   |   |  |                                  |
| Name   | HSC_2                                     | Comment   |   |  |                                  |
| High speed counters (HSC)\HSC2\Function                                |   |   |   |  |                                  |
| Type of counting   | Count                                     | Operating phase   | Single phase                            |  |                                  |
| Counting direction is specified by                                     | User program (internal direction control) | Initial counting direction                                      | Count up                                |  |                                  |
| Frequency measuring period   | -/-sec                                    |   |   |  |                                  |
| High speed counters (HSC)\HSC2\Reset to initial values\Reset values    |   |   |   |  |                                  |
| Initial counter value  | 0   | Initial reference value   | 0                                       |  |                                  |
| High speed counters (HSC)\HSC2\Reset to initial values\Reset options   |   |   |   |  |                                  |
| Use external reset input   | 0   | Reset signal level  | -/-                                     |  |                                  |
| High speed counters (HSC)\HSC2\Event configuration\                    |   |   |   |  |                                  |
| Generate interrupt for counter value equals reference value event.     | 0   | RidPrefixCvEqualsPv   | 49152                                   | Event name:  | 0                                |
| Hardware interrupt:  | 0   | Counter value equal to reference value1                         | Counter value equal to reference value1 | ValueNull  | 0                                |
| ValueNull  | 0   | EventPriority   | 6                                       |  |                                  |
| High speed counters (HSC)\HSC2\Event configuration\                    |   |   |   |  |                                  |
| Generate interrupt for external reset event.                           | 0   | RidPrefixExternalReset  | 49408                                   | Event name:  | 0                                |
| Hardware interrupt:  | 0   | External reset1   | External reset1                         | ValueNull  | 0                                |
| ValueNull  | 0   | EventPriority   | 6                                       |  |                                  |
| High speed counters (HSC)\HSC2\Event configuration\                    |   |   |   |  |                                  |
| Generate interrupt for change of direction event.                      | 0   | RidPrefixDirection-Change                                       | 49280                                   | Event name:  | 0                                |
| Hardware interrupt:  | 0   | Change of direction1  | Change of direction1                    | ValueNull  | 0                                |
| ValueNull  | 0   | EventPriority   | 6                                       |  |                                  |
| High speed counters (HSC)\HSC2\Hardware inputs\                        |   |   |   |  |                                  |
| Clock generator input  | ---                                       | HSCInput0_Status  | 1                                       | Direction input  | ---                              |
| Reset input  | ---                                       | Adapter name the user control should use for the address string | HscChannel.AddressString                | Adapter name the user control should use for the SpeedAndSourceDisplay | HscChannel.SpeedAndSourceDisplay |
| Adapter name the user control should use for the Output Source         | HscChannel.OutputSource                   |   |   |  |                                  |
| High speed counters (HSC)\HSC2\Hardware inputs\                        |   |   |   |  |                                  |
| Direction input  | ---                                       | HSCInput1_Status  | 1                                       | Clock generator input  | ---                              |
| Reset input  | ---                                       | Adapter name the user control should use for the address string | HscChannel.AddressString                | Adapter name the user control should use for the SpeedAndSourceDisplay | HscChannel.SpeedAndSourceDisplay |
| Adapter name the user control should use for the Output Source         | HscChannel.OutputSource                   |   |   |  |                                  |
| High speed counters (HSC)\HSC2\Hardware inputs\                        |   |   |   |  |                                  |
| Reset input  | ---                                       | HSCInput2_Status  | 1                                       | Clock generator input  | ---                              |
| Direction input  | ---                                       | Adapter name the user control should use for the address string | HscChannel.AddressString                | Adapter name the user control should use for the SpeedAndSourceDisplay | HscChannel.SpeedAndSourceDisplay |
| Adapter name the user control should use for the Output Source         | HscChannel.OutputSource                   |   |   |  |                                  |

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| Totally Integrated Automation Portal                                   |   |   |   |  |                                  |  |
| High speed counters (HSC)\HSC2\I/O addresses\Input addresses           |   |   |   |  |                                  |  |
| Start address  | 1004                                      | End address   | 1007                                    | Organization block   | 0                                |  |
| Process image  | 0   |   |   |  |                                  |  |
| High speed counters (HSC)\HSC2\Hardware identifier\Hardware identifier |   |   |   |  |                                  |  |
| Hardware identifier  | 258                                       |   |   |  |                                  |  |
| High speed counters (HSC)\HSC3\General\Enable                          |   |   |   |  |                                  |  |
| Enable this high speed counter   | 0   |   |   |  |                                  |  |
| High speed counters (HSC)\HSC3\General\Project information             |   |   |   |  |                                  |  |
| Name   | HSC_3                                     | Comment   |   |  |                                  |  |
| High speed counters (HSC)\HSC3\Function                                |   |   |   |  |                                  |  |
| Type of counting   | Count                                     | Operating phase   | Single phase                            |  |                                  |  |
| Counting direction is specified by                                     | User program (internal direction control) | Initial counting direction                                      | Count up                                |  |                                  |  |
| Frequency measuring period   | -/-sec                                    |   |   |  |                                  |  |
| High speed counters (HSC)\HSC3\Reset to initial values\Reset values    |   |   |   |  |                                  |  |
| Initial counter value  | 0   | Initial reference value   | 0                                       |  |                                  |  |
| High speed counters (HSC)\HSC3\Reset to initial values\Reset options   |   |   |   |  |                                  |  |
| Use external reset input   | 0   | Reset signal level  | -/-                                     |  |                                  |  |
| High speed counters (HSC)\HSC3\Event configuration\                    |   |   |   |  |                                  |  |
| Generate interrupt for counter value equals reference value event.     | 0   | RidPrefixCvEqualsPv   | 49152                                   | Event name:  | 0                                |  |
| Hardware interrupt:  | 0   | Counter value equal to reference value2                         | Counter value equal to reference value2 | ValueNull  | 0                                |  |
| ValueNull  | 0   | EventPriority   | 6                                       |  |                                  |  |
| High speed counters (HSC)\HSC3\Event configuration\                    |   |   |   |  |                                  |  |
| Generate interrupt for external reset event.                           | 0   | RidPrefixExternalReset  | 49408                                   | Event name:  | 0                                |  |
| Hardware interrupt:  | 0   | External reset2   | External reset2                         | ValueNull  | 0                                |  |
| ValueNull  | 0   | EventPriority   | 6                                       |  |                                  |  |
| High speed counters (HSC)\HSC3\Event configuration\                    |   |   |   |  |                                  |  |
| Generate interrupt for change of direction event.                      | 0   | RidPrefixDirection-Change                                       | 49280                                   | Event name:  | 0                                |  |
| Hardware interrupt:  | 0   | Change of direction2  | Change of direction2                    | ValueNull  | 0                                |  |
| ValueNull  | 0   | EventPriority   | 6                                       |  |                                  |  |
| High speed counters (HSC)\HSC3\Hardware inputs\                        |   |   |   |  |                                  |  |
| Clock generator input  | ---                                       | HSCInput0_Status  | 1                                       | Direction input  | ---                              |  |
| Reset input  | ---                                       | Adapter name the user control should use for the address string | HscChannel.AddressString                | Adapter name the user control should use for the SpeedAndSourceDisplay | HscChannel.SpeedAndSourceDisplay |  |
| Adapter name the user control should use for the Output Source         | HscChannel.OutputSource                   |   |   |  |                                  |  |
| High speed counters (HSC)\HSC3\Hardware inputs\                        |   |   |   |  |                                  |  |
| Direction input  | ---                                       | HSCInput1_Status  | 1                                       | Clock generator input  | ---                              |  |
| Reset input  | ---                                       | Adapter name the user control should use for the address string | HscChannel.AddressString                | Adapter name the user control should use for the SpeedAndSourceDisplay | HscChannel.SpeedAndSourceDisplay |  |
| Adapter name the user control should use for the Output Source         | HscChannel.OutputSource                   |   |   |  |                                  |  |
| High speed counters (HSC)\HSC3\Hardware inputs\                        |   |   |   |  |                                  |  |
| Reset input  | ---                                       | HSCInput2_Status  | 1                                       | Clock generator input  | ---                              |  |
| Direction input  | ---                                       | Adapter name the user control should use for the address string | HscChannel.AddressString                | Adapter name the user control should use for the SpeedAndSourceDisplay | HscChannel.SpeedAndSourceDisplay |  |
| Adapter name the user control should use for the Output Source         | HscChannel.OutputSource                   |   |   |  |                                  |  |
| High speed counters (HSC)\HSC3\I/O addresses\Input addresses           |   |   |   |  |                                  |  |
| Start address  | 1008                                      | End address   | 1011                                    | Organization block   | 0                                |  |
| Process image  | 0   |   |   |  |                                  |  |
| High speed counters (HSC)\HSC3\Hardware identifier\Hardware identifier |   |   |   |  |                                  |  |
| Hardware identifier  | 259                                       |   |   |  |                                  |  |
| High speed counters (HSC)\HSC4\General\Enable                          |   |   |   |  |                                  |  |
| Enable this high speed counter   | 0   |   |   |  |                                  |  |
| High speed counters (HSC)\HSC4\General\Project information             |   |   |   |  |                                  |  |
| Name   | HSC_4                                     | Comment   |   |  |                                  |  |
| High speed counters (HSC)\HSC4\Function                                |   |   |   |  |                                  |  |
| Type of counting   | Count                                     | Operating phase   | Single phase                            |  |                                  |  |
| Counting direction is specified by                                     | User program (internal direction control) | Initial counting direction                                      | Count up                                |  |                                  |  |
| Frequency measuring period   | -/-sec                                    |   |   |  |                                  |  |
|  |   |   |   |  |                                  |  |
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| Totally Integrated Automation Portal                                   |   |   |   |  |                                  |  |  |
| High speed counters (HSC)\HSC4\Reset to initial values\Reset values    |   |   |   |  |                                  |  |  |
| Initial counter value  | 0   | Initial reference value   | 0                                       |  |                                  |  |  |
| High speed counters (HSC)\HSC4\Reset to initial values\Reset options   |   |   |   |  |                                  |  |  |
| Use external reset input   | 0   | Reset signal level  | -/-                                     |  |                                  |  |  |
| High speed counters (HSC)\HSC4\Event configuration\                    |   |   |   |  |                                  |  |  |
| Generate interrupt for counter value equals reference value event.     | 0   | RidPrefixCvEqualsPv   | 49152                                   | Event name:  | 0                                |  |  |
| Hardware interrupt:  | 0   | Counter value equal to reference value3                         | Counter value equal to reference value3 | ValueNull  | 0                                |  |  |
| ValueNull  | 0   | EventPriority   | 6                                       |  |                                  |  |  |
| High speed counters (HSC)\HSC4\Event configuration\                    |   |   |   |  |                                  |  |  |
| Generate interrupt for external reset event.                           | 0   | RidPrefixExternalReset  | 49408                                   | Event name:  | 0                                |  |  |
| Hardware interrupt:  | 0   | External reset3   | External reset3                         | ValueNull  | 0                                |  |  |
| ValueNull  | 0   | EventPriority   | 6                                       |  |                                  |  |  |
| High speed counters (HSC)\HSC4\Event configuration\                    |   |   |   |  |                                  |  |  |
| Generate interrupt for change of direction event.                      | 0   | RidPrefixDirection-Change                                       | 49280                                   | Event name:  | 0                                |  |  |
| Hardware interrupt:  | 0   | Change of direction3  | Change of direction3                    | ValueNull  | 0                                |  |  |
| ValueNull  | 0   | EventPriority   | 6                                       |  |                                  |  |  |
| High speed counters (HSC)\HSC4\Hardware inputs\                        |   |   |   |  |                                  |  |  |
| Clock generator input  | ---                                       | HSCInput0_Status  | 1                                       | Direction input  | ---                              |  |  |
| Reset input  | ---                                       | Adapter name the user control should use for the address string | HscChannel.AddressString                | Adapter name the user control should use for the SpeedAndSourceDisplay | HscChannel.SpeedAndSourceDisplay |  |  |
| Adapter name the user control should use for the Output Source         | HscChannel.OutputSource                   |   |   |  |                                  |  |  |
| High speed counters (HSC)\HSC4\Hardware inputs\                        |   |   |   |  |                                  |  |  |
| Direction input  | ---                                       | HSCInput1_Status  | 1                                       | Clock generator input  | ---                              |  |  |
| Reset input  | ---                                       | Adapter name the user control should use for the address string | HscChannel.AddressString                | Adapter name the user control should use for the SpeedAndSourceDisplay | HscChannel.SpeedAndSourceDisplay |  |  |
| Adapter name the user control should use for the Output Source         | HscChannel.OutputSource                   |   |   |  |                                  |  |  |
| High speed counters (HSC)\HSC4\Hardware inputs\                        |   |   |   |  |                                  |  |  |
| Reset input  | ---                                       | HSCInput2_Status  | 1                                       | Clock generator input  | ---                              |  |  |
| Direction input  | ---                                       | Adapter name the user control should use for the address string | HscChannel.AddressString                | Adapter name the user control should use for the SpeedAndSourceDisplay | HscChannel.SpeedAndSourceDisplay |  |  |
| Adapter name the user control should use for the Output Source         | HscChannel.OutputSource                   |   |   |  |                                  |  |  |
| High speed counters (HSC)\HSC4\I/O addresses\Input addresses           |   |   |   |  |                                  |  |  |
| Start address  | 1012                                      | End address   | 1015                                    | Organization block   | 0                                |  |  |
| Process image  | 0   |   |   |  |                                  |  |  |
| High speed counters (HSC)\HSC4\Hardware identifier\Hardware identifier |   |   |   |  |                                  |  |  |
| Hardware identifier  | 260                                       |   |   |  |                                  |  |  |
| High speed counters (HSC)\HSC5\General\Enable                          |   |   |   |  |                                  |  |  |
| Enable this high speed counter   | 0   |   |   |  |                                  |  |  |
| High speed counters (HSC)\HSC5\General\Project information             |   |   |   |  |                                  |  |  |
| Name   | HSC_5                                     | Comment   |   |  |                                  |  |  |
| High speed counters (HSC)\HSC5\Function                                |   |   |   |  |                                  |  |  |
| Type of counting   | Count                                     | Operating phase   | Single phase                            |  |                                  |  |  |
| Counting direction is specified by                                     | User program (internal direction control) | Initial counting direction                                      | Count up                                |  |                                  |  |  |
| Frequency measuring period   | -/-sec                                    |   |   |  |                                  |  |  |
| High speed counters (HSC)\HSC5\Reset to initial values\Reset values    |   |   |   |  |                                  |  |  |
| Initial counter value  | 0   | Initial reference value   | 0                                       |  |                                  |  |  |
| High speed counters (HSC)\HSC5\Reset to initial values\Reset options   |   |   |   |  |                                  |  |  |
| Use external reset input   | 0   | Reset signal level  | -/-                                     |  |                                  |  |  |
| High speed counters (HSC)\HSC5\Event configuration\                    |   |   |   |  |                                  |  |  |
| Generate interrupt for counter value equals reference value event.     | 0   | RidPrefixCvEqualsPv   | 49152                                   | Event name:  | 0                                |  |  |
| Hardware interrupt:  | 0   | Counter value equal to reference value4                         | Counter value equal to reference value4 | ValueNull  | 0                                |  |  |
| ValueNull  | 0   | EventPriority   | 6                                       |  |                                  |  |  |
| High speed counters (HSC)\HSC5\Event configuration\                    |   |   |   |  |                                  |  |  |
| Generate interrupt for external reset event.                           | 0   | RidPrefixExternalReset  | 49408                                   | Event name:  | 0                                |  |  |
|  |   |   |   |  |                                  |  |  |
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| Totally Integrated Automation Portal   |  |  |  |  |  |  |
| <div>Hardware interrupt: 0</div> <div>ValueNull 0</div> <div>High speed counters (HSC)\HSC5\Event configuration\</div> <div>Generate interrupt for change of direction event.</div> <div>Hardware interrupt: 0</div> <div>ValueNull 0</div> <div>High speed counters (HSC)\HSC5\Hardware inputs\</div> <div>Clock generator input</div> <div>Reset input</div> <div>Adapter name the user control should use for the Output Source</div> <div>High speed counters (HSC)\HSC5\Hardware inputs\</div> <div>Direction input</div> <div>Reset input</div> <div>Adapter name the user control should use for the Output Source</div> <div>High speed counters (HSC)\HSC5\Hardware inputs\</div> <div>Reset input</div> <div>Direction input</div> <div>Adapter name the user control should use for the Output Source</div> <div>High speed counters (HSC)\HSC5\I/O addresses\Input addresses</div> <div>Start address 1016</div> <div>Process image 0</div> <div>High speed counters (HSC)\HSC5\Hardware identifier\Hardware identifier</div> <div>Hardware identifier 261</div> <div>High speed counters (HSC)\HSC6\General\Enable</div> <div>Enable this high speed counter 0</div> <div>High speed counters (HSC)\HSC6\General\Project information</div> <div>Name HSC_6</div> <div>Comment</div> <div>High speed counters (HSC)\HSC6\Function</div> <div>Type of counting Count</div> <div>Counting direction is specified by User program (internal direction control)</div> <div>Frequency measuring period -/-sec</div> <div>High speed counters (HSC)\HSC6\Reset to initial values\Reset values</div> <div>Initial counter value 0</div> <div>Initial reference value 0</div> <div>High speed counters (HSC)\HSC6\Reset to initial values\Reset options</div> <div>Use external reset input 0</div> <div>Reset signal level -/-</div> <div>High speed counters (HSC)\HSC6\Event configuration\</div> <div>Generate interrupt for counter value equals reference value event.</div> <div>Hardware interrupt: 0</div> <div>ValueNull 0</div> <div>High speed counters (HSC)\HSC6\Event configuration\</div> <div>Generate interrupt for external reset event.</div> <div>Hardware interrupt: 0</div> <div>ValueNull 0</div> <div>High speed counters (HSC)\HSC6\Event configuration\</div> <div>Generate interrupt for change of direction event.</div> <div>Hardware interrupt: 0</div> <div>ValueNull 0</div> <div>High speed counters (HSC)\HSC6\Hardware inputs\</div> <div>Clock generator input</div> <div>Reset input</div> |  |  |  |  |  |  |
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Adapter name the user control should use for the Output Source

HscChannel.OutputSource

High speed counters (HSC)\HSC6\Hardware inputs\

Direction input

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HSCInput1\_Status

1

Clock generator input

---

Reset input

---

Adapter name the user control should use for the address string

HscChannel.AddressString

Adapter name the user control should use for the SpeedAndSourceDisplay

HscChannel.SpeedAndSourceDisplay

Adapter name the user control should use for the Output Source

HscChannel.OutputSource

High speed counters (HSC)\HSC6\Hardware inputs\

Reset input

---

HSCInput2\_Status

1

Clock generator input

---

Direction input

---

Adapter name the user control should use for the address string

HscChannel.AddressString

Adapter name the user control should use for the SpeedAndSourceDisplay

HscChannel.SpeedAndSourceDisplay

Adapter name the user control should use for the Output Source

HscChannel.OutputSource

High speed counters (HSC)\HSC6\I/O addresses\Input addresses

Start address

1020

End address

1023

Organization block

0

Process image

0

High speed counters (HSC)\HSC6\Hardware identifier\Hardware identifier

Hardware identifier

262

Pulse generators (PTO/PWM)\PTO1/PWM1\General\Enable

Enable this pulse generator

0

Pulse generators (PTO/PWM)\PTO1/PWM1\General\Project information

Name

Pulse\_1

Comment

Pulse generators (PTO/PWM)\PTO1/PWM1\Parameter assignment\Pulse options

Signal type

PWM

Time base:

Milliseconds

Pulse duration format

Hundredths

Cycle time

100ms

Initial pulse duration

50Hundredths

Pulse generators (PTO/PWM)\PTO1/PWM1\Hardware outputs

Enable direction output

0

Pulse generators (PTO/PWM)\PTO1/PWM1\Hardware outputs\

Pulse output

PulseOutput1\_Status

1

Adapter name the user control should use for the address string

PulseChannel.AddressString

Adapter name the user control should use for the SpeedAndSourceDisplay

PulseChannel.SpeedAndSourceDisplay

Adapter name the user control should use for the Output Source

PulseChannel.OutputSource

Pulse generators (PTO/PWM)\PTO1/PWM1\Hardware outputs\

PulseOutput2\_Status

1

Pulse output

Adapter name the user control should use for the address string

PulseChannel.AddressString

Adapter name the user control should use for the SpeedAndSourceDisplay

PulseChannel.SpeedAndSourceDisplay

Adapter name the user control should use for the Output Source

PulseChannel.OutputSource

Pulse generators (PTO/PWM)\PTO1/PWM1\I/O addresses\Output addresses

Start address

1000

End address

1001

Organization block

0

Process image

0

Pulse generators (PTO/PWM)\PTO1/PWM1\Hardware identifier\Hardware identifier

Hardware identifier

265

Pulse generators (PTO/PWM)\PTO2/PWM2\General\Enable

Enable this pulse generator

0

Pulse generators (PTO/PWM)\PTO2/PWM2\General\Project information

Name

Pulse\_2

Comment

Pulse generators (PTO/PWM)\PTO2/PWM2\Parameter assignment\Pulse options

Signal type

PWM

Time base:

Milliseconds

Pulse duration format

Hundredths

Cycle time

100ms

Initial pulse duration

50Hundredths

Pulse generators (PTO/PWM)\PTO2/PWM2\Hardware outputs

Enable direction output

0

Pulse generators (PTO/PWM)\PTO2/PWM2\Hardware outputs\

Pulse output

PulseOutput1\_Status

1

Adapter name the user control should use for the address string

PulseChannel.AddressString

Adapter name the user control should use for the SpeedAndSourceDisplay

PulseChannel.SpeedAndSourceDisplay

Adapter name the user control should use for the Output Source

PulseChannel.OutputSource

Pulse generators (PTO/PWM)\PTO2/PWM2\Hardware outputs\

PulseOutput2\_Status

1

Pulse output

Adapter name the user control should use for the address string

PulseChannel.AddressString



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| Totally Integrated Automation Portal |  |  |  |  |  |  |
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|--|--------------------------------------|--|------------------------------|---|----------------------------|
| Adapter name the user control should use for the SpeedAndSourceDisplay       | PulseChannel.SpeedAndSourceDisplay   | Adapter name the user control should use for the Output Source | PulseChannel.OutputSource    |   |                            |
| Pulse generators (PTO/PWM)\PTO2/PWM2\I/O addresses\Output addresses          |                                      |  |                              |   |                            |
| Start address  | 1002                                 | End address  | 1003                         | Organization block  | 0                          |
| Process image  | 0                                    |  |                              |   |                            |
| Pulse generators (PTO/PWM)\PTO2/PWM2\Hardware identifier\Hardware identifier |                                      |  |                              |   |                            |
| Hardware identifier  | 266                                  |  |                              |   |                            |
| Pulse generators (PTO/PWM)\PTO3/PWM3\General\Enable                          |                                      |  |                              |   |                            |
| Enable this pulse generator  | 0                                    |  |                              |   |                            |
| Pulse generators (PTO/PWM)\PTO3/PWM3\General\Project information             |                                      |  |                              |   |                            |
| Name   | Pulse_3                              | Comment  |                              |   |                            |
| Pulse generators (PTO/PWM)\PTO3/PWM3\Parameter assignment\Pulse options      |                                      |  |                              |   |                            |
| Signal type  | PWM                                  | Time base:   | Milliseconds                 | Pulse duration format   | Hundredths                 |
| Cycle time   | 100ms                                | Initial pulse duration   | 50Hundredths                 |   |                            |
| Pulse generators (PTO/PWM)\PTO3/PWM3\Hardware outputs                        |                                      |  |                              |   |                            |
| Enable direction output  | 0                                    |  |                              |   |                            |
| Pulse generators (PTO/PWM)\PTO3/PWM3\Hardware outputs\                       |                                      |  |                              |   |                            |
| Pulse output   |                                      | PulseOutput1_Status  | 1                            | Adapter name the user control should use for the address string | PulseChannel.AddressString |
| Adapter name the user control should use for the SpeedAndSourceDisplay       | PulseChannel.SpeedAndSourceDisplay   | Adapter name the user control should use for the Output Source | PulseChannel.OutputSource    |   |                            |
| Pulse generators (PTO/PWM)\PTO3/PWM3\Hardware outputs\                       |                                      |  |                              |   |                            |
| PulseOutput2_Status  | 1                                    | Pulse output   |                              | Adapter name the user control should use for the address string | PulseChannel.AddressString |
| Adapter name the user control should use for the SpeedAndSourceDisplay       | PulseChannel.SpeedAndSourceDisplay   | Adapter name the user control should use for the Output Source | PulseChannel.OutputSource    |   |                            |
| Pulse generators (PTO/PWM)\PTO3/PWM3\I/O addresses\Output addresses          |                                      |  |                              |   |                            |
| Start address  | 1004                                 | End address  | 1005                         | Organization block  | 0                          |
| Process image  | 0                                    |  |                              |   |                            |
| Pulse generators (PTO/PWM)\PTO3/PWM3\Hardware identifier\Hardware identifier |                                      |  |                              |   |                            |
| Hardware identifier  | 267                                  |  |                              |   |                            |
| Pulse generators (PTO/PWM)\PTO4/PWM4\General\Enable                          |                                      |  |                              |   |                            |
| Enable this pulse generator  | 0                                    |  |                              |   |                            |
| Pulse generators (PTO/PWM)\PTO4/PWM4\General\Project information             |                                      |  |                              |   |                            |
| Name   | Pulse_4                              | Comment  |                              |   |                            |
| Pulse generators (PTO/PWM)\PTO4/PWM4\Parameter assignment\Pulse options      |                                      |  |                              |   |                            |
| Signal type  | PWM                                  | Time base:   | Milliseconds                 | Pulse duration format   | Hundredths                 |
| Cycle time   | 100ms                                | Initial pulse duration   | 50Hundredths                 |   |                            |
| Pulse generators (PTO/PWM)\PTO4/PWM4\Hardware outputs                        |                                      |  |                              |   |                            |
| Enable direction output  | 0                                    |  |                              |   |                            |
| Pulse generators (PTO/PWM)\PTO4/PWM4\Hardware outputs\                       |                                      |  |                              |   |                            |
| Pulse output   |                                      | PulseOutput1_Status  | 1                            | Adapter name the user control should use for the address string | PulseChannel.AddressString |
| Adapter name the user control should use for the SpeedAndSourceDisplay       | PulseChannel.SpeedAndSourceDisplay   | Adapter name the user control should use for the Output Source | PulseChannel.OutputSource    |   |                            |
| Pulse generators (PTO/PWM)\PTO4/PWM4\Hardware outputs\                       |                                      |  |                              |   |                            |
| PulseOutput2_Status  | 1                                    | Pulse output   |                              | Adapter name the user control should use for the address string | PulseChannel.AddressString |
| Adapter name the user control should use for the SpeedAndSourceDisplay       | PulseChannel.SpeedAndSourceDisplay   | Adapter name the user control should use for the Output Source | PulseChannel.OutputSource    |   |                            |
| Pulse generators (PTO/PWM)\PTO4/PWM4\I/O addresses\Output addresses          |                                      |  |                              |   |                            |
| Start address  | 1006                                 | End address  | 1007                         | Organization block  | 0                          |
| Process image  | 0                                    |  |                              |   |                            |
| Pulse generators (PTO/PWM)\PTO4/PWM4\Hardware identifier\Hardware identifier |                                      |  |                              |   |                            |
| Hardware identifier  | 268                                  |  |                              |   |                            |
| Startup  |                                      |  |                              |   |                            |
| Startup after POWER ON   | Warm restart - mode before POWER OFF | Comparison preset to actual configuration                      | Startup CPU even if mismatch | Configuration time for central and distributed I/O              | 60000ms                    |
| OBs should be interruptible  | 1                                    |  |                              |   |                            |
| Cycle  |                                      |  |                              |   |                            |
| Cycle monitoring time  | 150ms                                |  |                              | Enable minimum cycle time for cyclic OBs                        | 0                          |
| Minimum cycle time   | 1ms                                  |  |                              |   |                            |

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[illegible]





Totally Integrated Automation Portal

### Task1 / PLC\_1 [CPU 1212C AC/DC/Rly] / Program blocks

#### Main [OB1]

Main Properties

General

|           |           |        |   |      |    |          |     |
|-----------|-----------|--------|---|------|----|----------|-----|
| Name      | Main      | Number | 1 | Type | OB | Language | LAD |
| Numbering | automatic |        |   |      |    |          |     |

Information

|         |                              |                 |  |         |  |        |  |
|---------|------------------------------|-----------------|--|---------|--|--------|--|
| Title   | "Main Program Sweep (Cycle)" | Author          |  | Comment |  | Family |  |
| Version | 0.1                          | User-defined ID |  |         |  |        |  |

| Name         | Data type | Default value | Comment                               |
|--------------|-----------|---------------|---------------------------------------|
| ▼ Input      |           |               |                                       |
| Initial_Call | Bool      |               | Initial call of this OB               |
| Remanence    | Bool      |               | =True, if remanent data are available |
| Temp         |           |               |                                       |
| Constant     |           |               |                                       |

#### Network 1: Read values from RFID

%FC1

"ReadValues"

EN

ENO

| Symbol | Address | Type | Comment |
|--------|---------|------|---------|
|--------|---------|------|---------|

#### Network 2: Logic for RFID buffer

%DB4

"Logic\_DB"

%FB1

"Logic"

EN

ENO

| Symbol | Address | Type | Comment |
|--------|---------|------|---------|
|--------|---------|------|---------|

#### Network 3: Write Values to RFID

%FC2

"WriteValues"

EN

ENO

| Symbol | Address | Type | Comment |
|--------|---------|------|---------|
|--------|---------|------|---------|

Totally Integrated Automation Portal

Task1 / PLC\_1 [CPU 1212C AC/DC/Rly] / Program blocks

test [DB2]

test Properties

General

|           |           |        |   |      |    |          |    |
|-----------|-----------|--------|---|------|----|----------|----|
| Name      | test      | Number | 2 | Type | DB | Language | DB |
| Numbering | automatic |        |   |      |    |          |    |

Information

|         |     |                 |  |         |  |        |  |
|---------|-----|-----------------|--|---------|--|--------|--|
| Title   |     | Author          |  | Comment |  | Family |  |
| Version | 0.1 | User-defined ID |  |         |  |        |  |

| Name     | Data type | Offset | Start value | Retain | Accessible from HMI | Visible in HMI | Setpoint | Comment |
|----------|-----------|--------|-------------|--------|---------------------|----------------|----------|---------|
| ▼ Static |           |        |             |        |                     |                |          |         |
| demo     | Bool      | 0.0    | false       | False  | True                | True           | True     |         |
| data     | Int       | 2.0    | 0           | False  | True                | True           | True     |         |

|                                      |  |  |
|--------------------------------------|--|--|
| Totally Integrated Automation Portal |  |  |
|--------------------------------------|--|--|

Task1 / PLC\_1 [CPU 1212C AC/DC/Rly] / Program blocks

Logic\_DB [DB4]

Logic\_DB Properties

General

|           |           |        |   |      |    |          |    |
|-----------|-----------|--------|---|------|----|----------|----|
| Name      | Logic_DB  | Number | 4 | Type | DB | Language | DB |
| Numbering | automatic |        |   |      |    |          |    |

Information

|         |     |                 |  |         |  |        |  |
|---------|-----|-----------------|--|---------|--|--------|--|
| Title   |     | Author          |  | Comment |  | Family |  |
| Version | 0.1 | User-defined ID |  |         |  |        |  |

| Name   | Data type | Start value | Retain | Accessible from HMI | Visible in HMI | Setpoint | Comment |
|--------|-----------|-------------|--------|---------------------|----------------|----------|---------|
| Input  |           |             |        |                     |                |          |         |
| Output |           |             |        |                     |                |          |         |
| InOut  |           |             |        |                     |                |          |         |
| Static |           |             |        |                     |                |          |         |

|  |  |  |
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|  |  |  |
|--|--|--|

Totally Integrated Automation Portal

Task1 / PLC\_1 [CPU 1212C AC/DC/Rly] / Program blocks / RFID

RFIDData [DB1]

RFIDData Properties

General

|           |           |        |   |      |    |          |    |
|-----------|-----------|--------|---|------|----|----------|----|
| Name      | RFIDData  | Number | 1 | Type | DB | Language | DB |
| Numbering | automatic |        |   |      |    |          |    |

Information

|         |     |                 |  |         |  |        |  |
|---------|-----|-----------------|--|---------|--|--------|--|
| Title   |     | Author          |  | Comment |  | Family |  |
| Version | 0.1 | User-defined ID |  |         |  |        |  |

| Name                | Data type          | Offset | Start value | Retain | Accessible from HMI | Visible in HMI | Setpoint | Comment   |
|---------------------|--------------------|--------|-------------|--------|---------------------|----------------|----------|---|
| ▼ Static            |                    |        |             |        |                     |                |          |   |
| ▼ RFID              | "RFID_IOLink"      | 0.0    |             | False  | True                | True           | False    |   |
| ▼ Input             | Struct             | 0.0    |             | False  | True                | True           | False    |   |
| command_ack         | Bool               | 0.0    | false       | False  | True                | True           | False    |   |
| command_end         | Bool               | 0.1    | false       | False  | True                | True           | False    |   |
| tag_present         | Bool               | 0.2    | false       | False  | True                | True           | False    |   |
| Antenna_deactivated | Bool               | 0.3    | false       | False  | True                | True           | False    |   |
| command_value       | Byte               | 1.0    | 16#0        | False  | True                | True           | False    |   |
| ▼ read_values       | Array[0..3] of Int | 2.0    |             | False  | True                | True           | False    |   |
| read_values[0]      | Int                | 0.0    | 0           | False  | True                | True           | False    |   |
| read_values[1]      | Int                | 2.0    | 0           | False  | True                | True           | False    |   |
| read_values[2]      | Int                | 4.0    | 0           | False  | True                | True           | False    |   |
| read_values[3]      | Int                | 6.0    | 0           | False  | True                | True           | False    |   |
| ▼ Output            | Struct             | 10.0   |             | False  | True                | True           | False    |   |
| Start_r/w           | Bool               | 0.0    | false       | False  | True                | True           | False    |   |
| Deactivate_antenna  | Bool               | 0.1    | false       | False  | True                | True           | False    |   |
| command_value       | Byte               | 1.0    | 16#1        | False  | True                | True           | False    | 0= read UID, 1=Auto-read, 2=Auto-write, 3=read, 4=write |
| ▼ write_values      | Array[0..3] of Int | 2.0    |             | False  | True                | True           | False    |   |
| write_values[0]     | Int                | 0.0    | 0           | False  | True                | True           | False    |   |
| write_values[1]     | Int                | 2.0    | 0           | False  | True                | True           | False    |   |
| write_values[2]     | Int                | 4.0    | 0           | False  | True                | True           | False    |   |
| write_values[3]     | Int                | 6.0    | 0           | False  | True                | True           | False    |   |

Totally Integrated Automation Portal

## Task1 / PLC\_1 [CPU 1212C AC/DC/Rly] / Program blocks / RFID

### ReadValues [FC1]

ReadValues Properties

General

|           |            |        |   |      |    |          |     |
|-----------|------------|--------|---|------|----|----------|-----|
| Name      | ReadValues | Number | 1 | Type | FC | Language | SCL |
| Numbering | automatic  |        |   |      |    |          |     |

Information

|         |     |                 |  |         |  |        |  |
|---------|-----|-----------------|--|---------|--|--------|--|
| Title   |     | Author          |  | Comment |  | Family |  |
| Version | 0.1 | User-defined ID |  |         |  |        |  |

| Name       | Data type | Default value | Comment |
|------------|-----------|---------------|---------|
| Input      |           |               |         |
| Output     |           |               |         |
| InOut      |           |               |         |
| Temp       |           |               |         |
| Constant   |           |               |         |
| ▼ Return   |           |               |         |
| ReadValues | Void      |               |         |

```
0001 //Reading value from RFID
0002 "RFIDData".RFID.Input.command_ack:="i_command_ack";
0003 "RFIDData".RFID.Input.command_value:="i_command_value";
0004 "RFIDData".RFID.Input.command_end:="i_command_end";
0005 "RFIDData".RFID.Input.tag_present:="i_tag_present";
0006 "RFIDData".RFID.Input.Antenna_deactivated:="i_antenna_deactivated";
0007 "RFIDData".RFID.Input.read_values[0]:="i_read_value_0";
0008 "RFIDData".RFID.Input.read_values[1]:="i_read_value_1";
0009 "RFIDData".RFID.Input.read_values[2]:="i_read_value_2";
0010 "RFIDData".RFID.Input.read_values[3]:="i_read_value_3";
```

| Symbol                                    | Address      | Type  | Comment |
|---|--------------|-------|---------|
| "i_antenna_deactivated"                   | %I91.3       | Bool  |         |
| "i_command_ack"                           | %I91.0       | Bool  |         |
| "i_command_end"                           | %I91.1       | Bool  |         |
| "i_command_value"                         | %IB90        | Byte  |         |
| "i_read_value_0"                          | %IW92        | Int   |         |
| "i_read_value_1"                          | %IW94        | Int   |         |
| "i_read_value_2"                          | %IW96        | Int   |         |
| "i_read_value_3"                          | %IW98        | Int   |         |
| "i_tag_present"                           | %I91.2       | Bool  |         |
| "RFIDData".RFID.Input.Antenna_deactivated | %DB1.DBX0.3  | Bool  |         |
| "RFIDData".RFID.Input.command_ack         | %DB1.DBX0.0  | Bool  |         |
| "RFIDData".RFID.Input.command_end         | %DB1.DBX0.1  | Bool  |         |
| "RFIDData".RFID.Input.command_value       | %DB1.DBB1    | Byte  |         |
| "RFIDData".RFID.Input.read_values         | P#DB1.DBX2.0 | Array |         |
| "RFIDData".RFID.Input.tag_present         | %DB1.DBX0.2  | Bool  |         |

Task1 / PLC\_1 [CPU 1212C AC/DC/Rly] / Program blocks / RFID

Logic [FB1]

Logic Properties

General

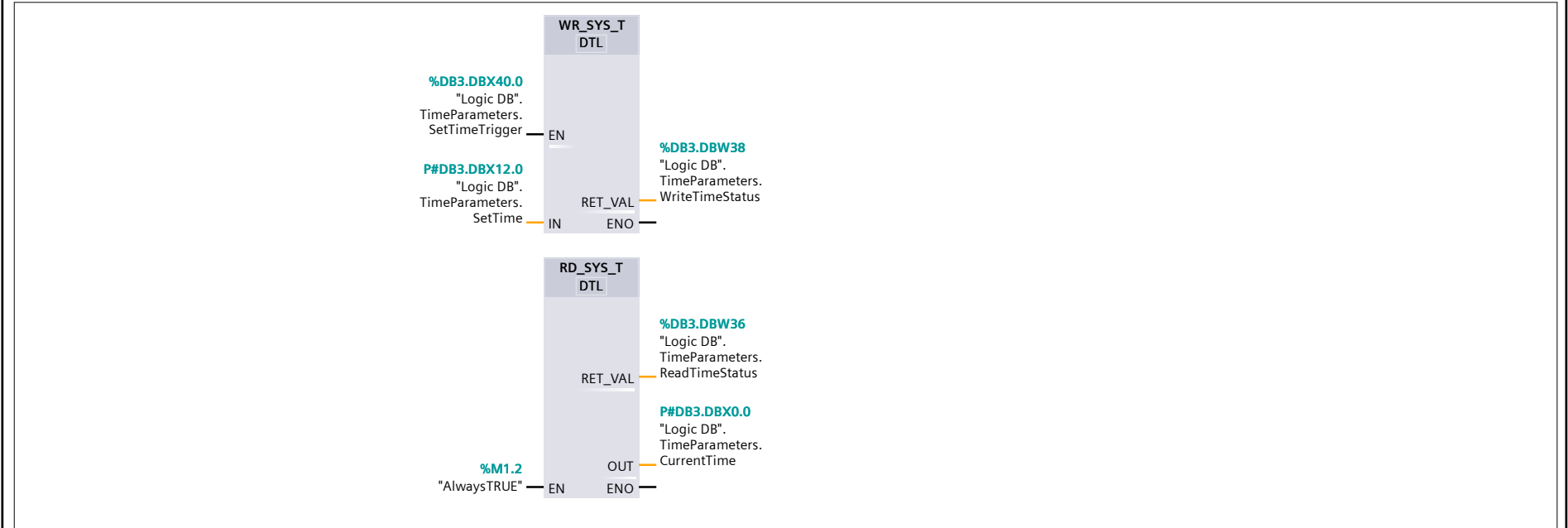
|           |           |        |   |      |    |          |     |
|-----------|-----------|--------|---|------|----|----------|-----|
| Name      | Logic     | Number | 1 | Type | FB | Language | FBD |
| Numbering | automatic |        |   |      |    |          |     |

Information

|         |     |                 |  |         |  |        |  |
|---------|-----|-----------------|--|---------|--|--------|--|
| Title   |     | Author          |  | Comment |  | Family |  |
| Version | 0.1 | User-defined ID |  |         |  |        |  |

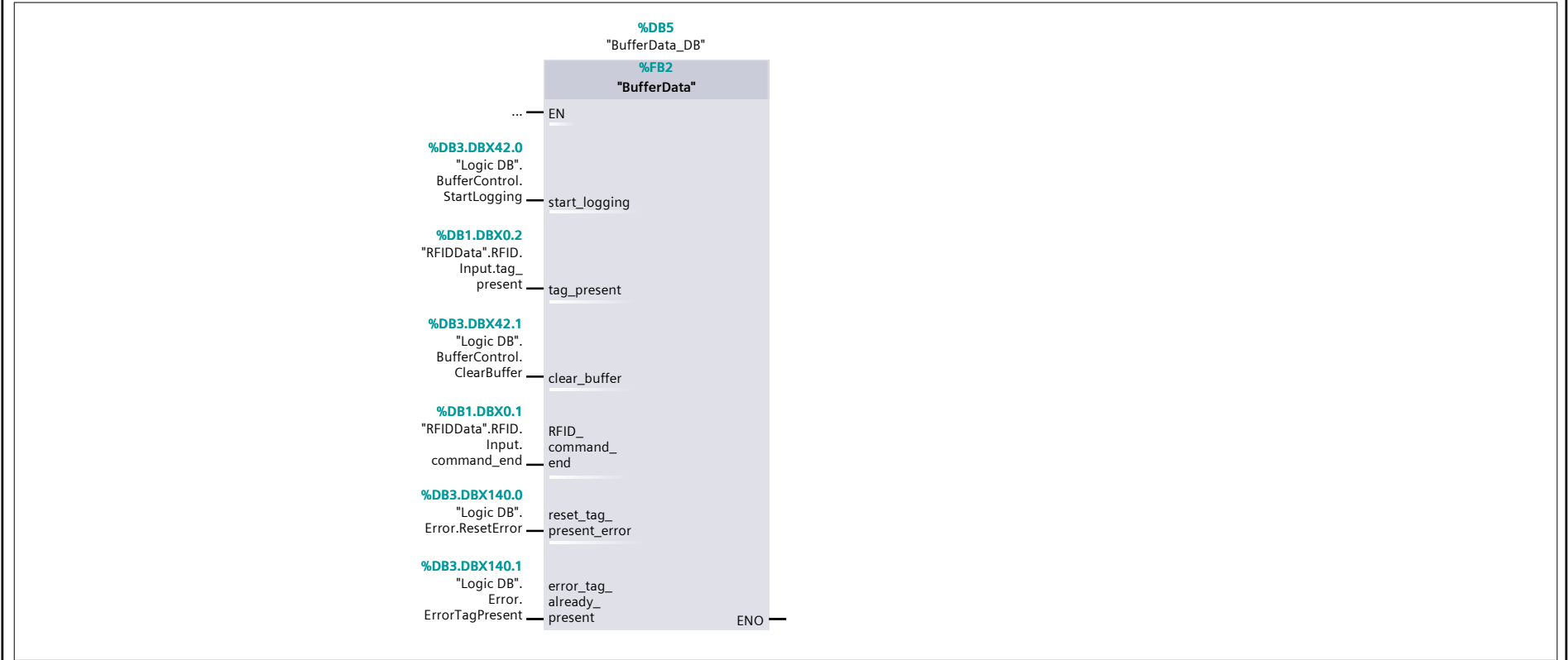
| Name     | Data type | Default value | Retain | Accessible from HMI | Visible in HMI | Setpoint | Comment |
|----------|-----------|---------------|--------|---------------------|----------------|----------|---------|
| Input    |           |               |        |                     |                |          |         |
| Output   |           |               |        |                     |                |          |         |
| InOut    |           |               |        |                     |                |          |         |
| Static   |           |               |        |                     |                |          |         |
| Temp     |           |               |        |                     |                |          |         |
| Constant |           |               |        |                     |                |          |         |

Network 1 : Log of tags with timestamp



| Symbol                                    | Address       | Type | Comment |
|---|---------------|------|---------|
| "AlwaysTRUE"                              | %M1.2         | Bool |         |
| "Logic DB".TimeParameters.CurrentTime     | P#DB3.DBX0.0  | DTL  |         |
| "Logic DB".TimeParameters.ReadTimeStatus  | %DB3.DBW36    | Int  |         |
| "Logic DB".TimeParameters.SetTime         | P#DB3.DBX12.0 | DTL  |         |
| "Logic DB".TimeParameters.SetTimeTrigger  | %DB3.DBX40.0  | Bool |         |
| "Logic DB".TimeParameters.WriteTimeStatus | %DB3.DBW38    | Int  |         |

Network 2: Saving value in buffer DB



|                                       |               |      |         |  |
|---------------------------------------|---------------|------|---------|--|
| Totally Integrated Automation Portal  |               |      |         |  |
| Symbol                                | Address       | Type | Comment |  |
| "Logic DB".BufferControl.ClearBuffer  | %DB3.DBX42.1  | Bool |         |  |
| "Logic DB".BufferControl.StartLogging | %DB3.DBX42.0  | Bool |         |  |
| "Logic DB".Error.ErrorTagPresent      | %DB3.DBX140.1 | Bool |         |  |
| "Logic DB".Error.ResetError           | %DB3.DBX140.0 | Bool |         |  |
| "RFIDData".RFID.Input.command_end     | %DB1.DBX0.1   | Bool |         |  |
| "RFIDData".RFID.Input.tag_present     | %DB1.DBX0.2   | Bool |         |  |
|                                       |               |      |         |  |
|                                       |               |      |         |  |

|   |                       |                 |                         |         |                     |                |          |                           |  |
|---|-----------------------|-----------------|-------------------------|---------|---------------------|----------------|----------|---------------------------|--|
| Totally Integrated Automation Portal                        |                       |                 |                         |         |                     |                |          |                           |  |
| Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / RFID |                       |                 |                         |         |                     |                |          |                           |  |
| Logic DB [DB3]  |                       |                 |                         |         |                     |                |          |                           |  |
| Logic DB Properties   |                       |                 |                         |         |                     |                |          |                           |  |
| General   |                       |                 |                         |         |                     |                |          |                           |  |
| Name  | Logic DB              | Number          | 3                       | Type    | DB                  | Language       | DB       |                           |  |
| Numbering   | automatic             |                 |                         |         |                     |                |          |                           |  |
| Information   |                       |                 |                         |         |                     |                |          |                           |  |
| Title   |                       | Author          |                         | Comment |                     | Family         |          |                           |  |
| Version   | 0.1                   | User-defined ID |                         |         |                     |                |          |                           |  |
|   |                       |                 |                         |         |                     |                |          |                           |  |
| Name  | Data type             | Offset          | Start value             | Retain  | Accessible from HMI | Visible in HMI | Setpoint | Comment                   |  |
| ▼ Static  |                       |                 |                         |         |                     |                |          |                           |  |
| ▼ TimeParameters  | Struct                | 0.0             |                         | False   | True                | True           | False    |                           |  |
| ▼ CurrentTime   | DTL                   | 0.0             | DTL#1970-01-01-00:00:00 | False   | True                | True           | False    |                           |  |
| YEAR  | UInt                  | 0.0             | 1970                    | False   | True                | True           | False    |                           |  |
| MONTH   | USInt                 | 2.0             | 1                       | False   | True                | True           | False    |                           |  |
| DAY   | USInt                 | 3.0             | 1                       | False   | True                | True           | False    |                           |  |
| WEEKDAY   | USInt                 | 4.0             | 5                       | False   | True                | True           | False    |                           |  |
| HOUR  | USInt                 | 5.0             | 0                       | False   | True                | True           | False    |                           |  |
| MINUTE  | USInt                 | 6.0             | 0                       | False   | True                | True           | False    |                           |  |
| SECOND  | USInt                 | 7.0             | 0                       | False   | True                | True           | False    |                           |  |
| NANOSECOND  | UDInt                 | 8.0             | 0                       | False   | True                | True           | False    |                           |  |
| ▼ SetTime   | DTL                   | 12.0            | DTL#1970-01-01-00:00:00 | False   | True                | True           | False    |                           |  |
| YEAR  | UInt                  | 0.0             | 1970                    | False   | True                | True           | False    |                           |  |
| MONTH   | USInt                 | 2.0             | 1                       | False   | True                | True           | False    |                           |  |
| DAY   | USInt                 | 3.0             | 1                       | False   | True                | True           | False    |                           |  |
| WEEKDAY   | USInt                 | 4.0             | 5                       | False   | True                | True           | False    |                           |  |
| HOUR  | USInt                 | 5.0             | 0                       | False   | True                | True           | False    |                           |  |
| MINUTE  | USInt                 | 6.0             | 0                       | False   | True                | True           | False    |                           |  |
| SECOND  | USInt                 | 7.0             | 0                       | False   | True                | True           | False    |                           |  |
| NANOSECOND  | UDInt                 | 8.0             | 0                       | False   | True                | True           | False    |                           |  |
| ▼ ResetTime   | DTL                   | 24.0            | DTL#1970-01-01-00:00:00 | False   | True                | True           | False    |                           |  |
| YEAR  | UInt                  | 0.0             | 1970                    | False   | True                | True           | False    |                           |  |
| MONTH   | USInt                 | 2.0             | 1                       | False   | True                | True           | False    |                           |  |
| DAY   | USInt                 | 3.0             | 1                       | False   | True                | True           | False    |                           |  |
| WEEKDAY   | USInt                 | 4.0             | 5                       | False   | True                | True           | False    |                           |  |
| HOUR  | USInt                 | 5.0             | 0                       | False   | True                | True           | False    |                           |  |
| MINUTE  | USInt                 | 6.0             | 0                       | False   | True                | True           | False    |                           |  |
| SECOND  | USInt                 | 7.0             | 0                       | False   | True                | True           | False    |                           |  |
| NANOSECOND  | UDInt                 | 8.0             | 0                       | False   | True                | True           | False    |                           |  |
| ReadTimeStatus  | Int                   | 36.0            | 0                       | False   | True                | True           | False    |                           |  |
| WriteTimeStatus   | Int                   | 38.0            | 0                       | False   | True                | True           | False    |                           |  |
| SetTimeTrigger  | Bool                  | 40.0            | false                   | False   | True                | True           | False    |                           |  |
| ▼ BufferControl   | Struct                | 42.0            |                         | False   | True                | True           | False    |                           |  |
| StartLogging  | Bool                  | 0.0             | false                   | False   | True                | True           | False    |                           |  |
| ClearBuffer   | Bool                  | 0.1             | false                   | False   | True                | True           | False    |                           |  |
| ▼ Job   | Array[0..5] of Struct | 2.0             |                         | False   | True                | True           | False    | Storing values in bufffer |  |
| ▼ Job[0]  | Struct                | 0.0             |                         | False   | True                | True           | False    |                           |  |
| RFID  | Int                   | 0.0             | 0                       | False   | True                | True           | False    |                           |  |
| Job_ID  | Int                   | 2.0             | 0                       | False   | True                | True           | False    |                           |  |
| ▼ Process   | DTL                   | 4.0             | DTL#1970-01-01-00:00:00 | False   | True                | True           | False    |                           |  |
| YEAR  | UInt                  | 0.0             | 1970                    | False   | True                | True           | False    |                           |  |
| MONTH   | USInt                 | 2.0             | 1                       | False   | True                | True           | False    |                           |  |
| DAY   | USInt                 | 3.0             | 1                       | False   | True                | True           | False    |                           |  |
| WEEKDAY   | USInt                 | 4.0             | 5                       | False   | True                | True           | False    |                           |  |
| HOUR  | USInt                 | 5.0             | 0                       | False   | True                | True           | False    |                           |  |
| MINUTE  | USInt                 | 6.0             | 0                       | False   | True                | True           | False    |                           |  |
| SECOND  | USInt                 | 7.0             | 0                       | False   | True                | True           | False    |                           |  |
| NANOSECOND  | UDInt                 | 8.0             | 0                       | False   | True                | True           | False    |                           |  |
| ▼ Job[1]  | Struct                | 16.0            |                         | False   | True                | True           | False    |                           |  |
| RFID  | Int                   | 0.0             | 0                       | False   | True                | True           | False    |                           |  |
| Job_ID  | Int                   | 2.0             | 0                       | False   | True                | True           | False    |                           |  |
| ▼ Process   | DTL                   | 4.0             | DTL#1970-01-01-00:00:00 | False   | True                | True           | False    |                           |  |
| YEAR  | UInt                  | 0.0             | 1970                    | False   | True                | True           | False    |                           |  |
| MONTH   | USInt                 | 2.0             | 1                       | False   | True                | True           | False    |                           |  |
| DAY   | USInt                 | 3.0             | 1                       | False   | True                | True           | False    |                           |  |
| WEEKDAY   | USInt                 | 4.0             | 5                       | False   | True                | True           | False    |                           |  |
| HOUR  | USInt                 | 5.0             | 0                       | False   | True                | True           | False    |                           |  |
| MINUTE  | USInt                 | 6.0             | 0                       | False   | True                | True           | False    |                           |  |
| SECOND  | USInt                 | 7.0             | 0                       | False   | True                | True           | False    |                           |  |
| NANOSECOND  | UDInt                 | 8.0             | 0                       | False   | True                | True           | False    |                           |  |
| ▼ Job[2]  | Struct                | 32.0            |                         | False   | True                | True           | False    |                           |  |
| RFID  | Int                   | 0.0             | 0                       | False   | True                | True           | False    |                           |  |
| Job_ID  | Int                   | 2.0             | 0                       | False   | True                | True           | False    |                           |  |
| ▼ Process   | DTL                   | 4.0             | DTL#1970-01-01-00:00:00 | False   | True                | True           | False    |                           |  |
|   |                       |                 |                         |         |                     |                |          |                           |  |





Totally Integrated Automation Portal

Task1 / PLC\_1 [CPU 1212C AC/DC/Rly] / Program blocks / RFID

BufferData [FB2]

BufferData Properties

General

|           |            |        |   |      |    |          |     |
|-----------|------------|--------|---|------|----|----------|-----|
| Name      | BufferData | Number | 2 | Type | FB | Language | SCL |
| Numbering | automatic  |        |   |      |    |          |     |

Information

|         |     |                 |  |         |  |        |  |
|---------|-----|-----------------|--|---------|--|--------|--|
| Title   |     | Author          |  | Comment |  | Family |  |
| Version | 0.1 | User-defined ID |  |         |  |        |  |

| Name                      | Data type | Default value | Retain     | Accessible from HMI | Visible in HMI | Setpoint | Comment        |
|---------------------------|-----------|---------------|------------|---------------------|----------------|----------|----------------|
| ▼ Input                   |           |               |            |                     |                |          |                |
| start_logging             | Bool      | false         | Non-retain | False               | False          | False    |                |
| tag_present               | Bool      | false         | Non-retain | False               | False          | False    |                |
| clear_buffer              | Bool      | false         | Non-retain | True                | True           | False    |                |
| RFID_command_end          | Bool      | false         | Non-retain | True                | True           | False    |                |
| reset_tag_present_error   | Bool      | false         | Non-retain | True                | True           | False    |                |
| Output                    |           |               |            |                     |                |          |                |
| ▼ InOut                   |           |               |            |                     |                |          |                |
| error_tag_already_present | Bool      | false         | Non-retain | True                | True           | False    |                |
| ▼ Static                  |           |               |            |                     |                |          |                |
| i                         | Int       | 0             | Non-retain | False               | False          | False    |                |
| j                         | Int       | 0             | Non-retain | True                | True           | False    |                |
| a                         | Int       | 0             | Non-retain | True                | True           | False    | job loop       |
| b                         | Int       | 0             | Non-retain | True                | True           | False    | timestamp_loop |
| c                         | Int       | 0             | Non-retain | True                | True           | False    |                |
| d                         | Int       | 0             | Non-retain | True                | True           | False    |                |
| command_end_flag          | Bool      | false         | Non-retain | False               | False          | False    |                |
| M_command_end_flag        | Bool      | false         | Non-retain | False               | False          | False    |                |
| Temp                      |           |               |            |                     |                |          |                |
| Constant                  |           |               |            |                     |                |          |                |

```
0001 //Generating rising edge bit for RFID 'End' status
0002 #command_end_flag:= #RFID_command_end AND NOT #M_command_end_flag;
0003 #M_command_end_flag := #RFID_command_end;
0004
0005 //Check tag validity i.e. Tag should not be = 0 and not already registered
0006 IF (#start_logging AND NOT #error_tag_already_present) THEN
0007     IF (#command_end_flag) AND ("RFIDData".RFID.Input.read_values[0] <> 0) THEN
0008         FOR #c := 0 TO 5 DO
0009             IF ("Logic DB".BufferControl.Job[#c].RFID = "RFIDData".RFID.Input.read_values[0]) THEN
0010                 #error_tag_already_present := true;
0011                 GOTO x1;
0012             END_IF;
0013         END_FOR;
0014     x1: ;
0015     //IF RFID tag is not registered --> Registering the tag information in the next available slot
0016     FOR #d := 0 TO 5 DO
0017         IF (#command_end_flag) AND ("Logic DB".BufferControl.Job[#d].RFID = 0) AND NOT #error_tag_al-
ready_present THEN
0018             "Logic DB".BufferControl.Job[#d].Job_ID := #d +1;
0019             "Logic DB".BufferControl.Job[#d].RFID := "RFIDData".RFID.Input.read_values[0];
0020             "Logic DB".BufferControl.Job[#d].Process := "Logic DB".TimeParameters.CurrentTime ;
0021             GOTO x2;
0022         END_IF;
0023     END_FOR;
0024     x2: ;
0025     END_IF;
0026 END_IF;
0027
0028 //Clear log button
0029 IF #clear_buffer THEN
0030     FOR #i := 0 TO 5 DO
0031         "Logic DB".BufferControl.Job[#i].Process := "Logic DB".TimeParameters.ResetTime;
0032         "Logic DB".BufferControl.Job[#i].RFID := 0;
0033         "Logic DB".BufferControl.Job[#i].Job_ID := 0;
0034     END_FOR;
0035     #i := 0;
0036     #c := 0;
0037     #d := 0;
0038 END_IF;
0039
0040 IF (#reset_tag_present_error) THEN
0041     #error_tag_already_present := false;
0042 END_IF;
0043
0044
```

| Symbol   | Address       | Type | Comment |
|--|---------------|------|---------|
| "Logic DB".BufferControl.Job[""Ex-pression_430"].Job_ID  | %DB3.DBW42    | Int  |         |
| "Logic DB".BufferControl.Job[""Ex-pression_430"].Process | P#DB3.DBX42.0 | DTL  |         |

|  |               |       |         |  |
|--|---------------|-------|---------|--|
| Totally Integrated Automation Portal                 |               |       |         |  |
| Symbol   | Address       | Type  | Comment |  |
| "Logic DB".BufferControl.Job[""Expression_430"].RFID | %DB3.DBW42    | Int   |         |  |
| "Logic DB".TimeParameters.CurrentTime                | P#DB3.DBX0.0  | DTL   |         |  |
| "Logic DB".TimeParameters.ResetTime                  | P#DB3.DBX24.0 | DTL   |         |  |
| "RFIDData".RFID.Input.read_values                    | P#DB1.DBX2.0  | Array |         |  |
| #c   |               | Int   |         |  |
| #clear_buffer  |               | Bool  |         |  |
| #command_end_flag                                    |               | Bool  |         |  |
| #d   |               | Int   |         |  |
| #error_tag_already_present                           |               | Bool  |         |  |
| #i   |               | Int   |         |  |
| #M_command_end_flag                                  |               | Bool  |         |  |
| #reset_tag_present_error                             |               | Bool  |         |  |
| #RFID_command_end                                    |               | Bool  |         |  |
| #start_logging                                       |               | Bool  |         |  |
|  |               |       |         |  |
|  |               |       |         |  |

Totally Integrated Automation Portal

Task1 / PLC\_1 [CPU 1212C AC/DC/Rly] / Program blocks / RFID

BufferData\_DB [DB5]

BufferData\_DB Properties

General

|           |               |        |   |      |    |          |    |
|-----------|---------------|--------|---|------|----|----------|----|
| Name      | BufferData_DB | Number | 5 | Type | DB | Language | DB |
| Numbering | automatic     |        |   |      |    |          |    |

Information

|         |     |                 |  |         |  |        |  |
|---------|-----|-----------------|--|---------|--|--------|--|
| Title   |     | Author          |  | Comment |  | Family |  |
| Version | 0.1 | User-defined ID |  |         |  |        |  |

| Name                      | Data type | Start value | Retain | Accessible from HMI | Visible in HMI | Setpoint | Comment        |
|---------------------------|-----------|-------------|--------|---------------------|----------------|----------|----------------|
| ▼ Input                   |           |             |        |                     |                |          |                |
| start_logging             | Bool      | false       | False  | False               | False          | False    |                |
| tag_present               | Bool      | false       | False  | False               | False          | False    |                |
| clear_buffer              | Bool      | false       | False  | True                | True           | False    |                |
| RFID_command_end          | Bool      | false       | False  | True                | True           | False    |                |
| reset_tag_present_error   | Bool      | false       | False  | True                | True           | False    |                |
| Output                    |           |             |        |                     |                |          |                |
| ▼ InOut                   |           |             |        |                     |                |          |                |
| error_tag_already_present | Bool      | false       | False  | True                | True           | False    |                |
| ▼ Static                  |           |             |        |                     |                |          |                |
| i                         | Int       | 0           | False  | False               | False          | False    |                |
| j                         | Int       | 0           | False  | True                | True           | False    |                |
| a                         | Int       | 0           | False  | True                | True           | False    | job loop       |
| b                         | Int       | 0           | False  | True                | True           | False    | timestamp_loop |
| c                         | Int       | 0           | False  | True                | True           | False    |                |
| d                         | Int       | 0           | False  | True                | True           | False    |                |
| command_end_flag          | Bool      | false       | False  | False               | False          | False    |                |
| M_command_end_flag        | Bool      | false       | False  | False               | False          | False    |                |

Totally Integrated Automation Portal

# Task1 / PLC\_1 [CPU 1212C AC/DC/Rly] / Program blocks / RFID

## WriteValues [FC2]

WriteValues Properties

General

|           |             |        |   |      |    |          |     |
|-----------|-------------|--------|---|------|----|----------|-----|
| Name      | WriteValues | Number | 2 | Type | FC | Language | SCL |
| Numbering | automatic   |        |   |      |    |          |     |

Information

|         |     |                 |  |         |  |        |  |
|---------|-----|-----------------|--|---------|--|--------|--|
| Title   |     | Author          |  | Comment |  | Family |  |
| Version | 0.1 | User-defined ID |  |         |  |        |  |

| Name        | Data type | Default value | Comment |
|-------------|-----------|---------------|---------|
| Input       |           |               |         |
| Output      |           |               |         |
| InOut       |           |               |         |
| Temp        |           |               |         |
| Constant    |           |               |         |
| ▼ Return    |           |               |         |
| WriteValues | Void      |               |         |

```
0001 //Writing values to RFID
0002 "q_command_value" := "RFIDData".RFID.Output.command_value;
0003 "q_start_r/w" := "RFIDData".RFID.Output."Start_r/w";
0004 "q_antenna_deactivate" := "RFIDData".RFID.Output.Deactivate_antenna;
0005 "q_write_value_0" := "RFIDData".RFID.Output.write_values[0];
0006 "q_write_value_1" := "RFIDData".RFID.Output.write_values[1];
0007 "q_write_value_2" := "RFIDData".RFID.Output.write_values[2];
0008 "q_write_value_3" := "RFIDData".RFID.Output.write_values[3];
```

| Symbol                                     | Address       | Type  | Comment   |
|--|---------------|-------|---|
| "q_antenna_deactivate"                     | %Q85.3        | Bool  |   |
| "q_command_value"                          | %QB84         | Byte  |   |
| "q_start_r/w"                              | %Q85.0        | Bool  |   |
| "q_write_value_0"                          | %QW86         | Int   |   |
| "q_write_value_1"                          | %QW88         | Int   |   |
| "q_write_value_2"                          | %QW90         | Int   |   |
| "q_write_value_3"                          | %QW92         | Int   |   |
| "RFIDData".RFID.Output."Start_r/w"         | %DB1.DBX10.0  | Bool  |   |
| "RFIDData".RFID.Output.com-mand_value      | %DB1.DBB11    | Byte  | 0= read UID, 1=Auto-read, 2=Auto-write, 3=read, 4=write |
| "RFIDData".RFID.Output.Deacti-vate_antenna | %DB1.DBX10.1  | Bool  |   |
| "RFIDData".RFID.Output.write_val-ues       | P#DB1.DBX12.0 | Array |   |

















|   |  |  |
|---|--|--|
| Totally Integrated Automation Portal  |  |  |
| <div>Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Program blocks / System blocks</div> <div>Program resources</div> <div>This folder is empty.</div> |  |  |
|   |  |  |

|   |  |  |
|---|--|--|
| Totally Integrated Automation Portal  |  |  |
| <div>Task1 / PLC_1 [CPU 1212C AC/DC/Rly]</div> <div>Technology objects</div> <div>This folder is empty.</div> |  |  |
|   |  |  |

Totally Integrated Automation Portal

### Task1 / PLC\_1 [CPU 1212C AC/DC/Rly] / PLC tags / Default tag table [55]

#### PLC tags

| PLC tags  |                  |           |         |        |                |                     |         |
|---|------------------|-----------|---------|--------|----------------|---------------------|---------|
|   | Name             | Data type | Address | Retain | Visible in HMI | Accessible from HMI | Comment |
|    | Tag_1            | Bool      | %Q0.0   | False  | True           | True                |         |
|    | Tag_2            | Bool      | %M0.0   | False  | True           | True                |         |
|    | System_Byte      | Byte      | %MB1    | False  | True           | True                |         |
|    | FirstScan        | Bool      | %M1.0   | False  | True           | True                |         |
|    | DiagStatusUpdate | Bool      | %M1.1   | False  | True           | True                |         |
|    | AlwaysTRUE       | Bool      | %M1.2   | False  | True           | True                |         |
|    | AlwaysFALSE      | Bool      | %M1.3   | False  | True           | True                |         |
|    | Clock_Byte       | Byte      | %MB0    | False  | True           | True                |         |
|    | Clock_5Hz        | Bool      | %M0.1   | False  | True           | True                |         |
|    | Clock_2.5Hz      | Bool      | %M0.2   | False  | True           | True                |         |
|    | Clock_2Hz        | Bool      | %M0.3   | False  | True           | True                |         |
|    | Clock_1.25Hz     | Bool      | %M0.4   | False  | True           | True                |         |
|    | Clock_1Hz        | Bool      | %M0.5   | False  | True           | True                |         |
|  | Clock_0.625Hz    | Bool      | %M0.6   | False  | True           | True                |         |
|  | Clock_0.5Hz      | Bool      | %M0.7   | False  | True           | True                |         |
|  | Tag_3            | Bool      | %M10.0  | False  | True           | True                |         |



| Totally Integrated Automation Portal   |           |       |                |  |  |  |      |           |       |         |
|--|-----------|-------|----------------|--|--|--|------|-----------|-------|---------|
| <div>Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC tags / Default tag table [55]</div> <div>User constants</div> <table><thead><tr><th colspan="4">User constants</th></tr><tr><th>Name</th><th>Data type</th><th>Value</th><th>Comment</th></tr></thead><tbody></tbody></table> |           |       | User constants |  |  |  | Name | Data type | Value | Comment |
| User constants   |           |       |                |  |  |  |      |           |       |         |
| Name   | Data type | Value | Comment        |  |  |  |      |           |       |         |
|  |           |       |                |  |  |  |      |           |       |         |

| Totally Integrated Automation Portal  |                       |           |         |        |                |                     |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|---|-----------------------|-----------|---------|--------|----------------|---------------------|---------|----------------|---------------------|---------|--|-----------------|------|-------|-------|------|------|--|--|---------------|------|--------|-------|------|------|--|--|---------------|------|--------|-------|------|------|--|--|---------------|------|--------|-------|------|------|--|--|-----------------------|------|--------|-------|------|------|--|--|----------------|-----|-------|-------|------|------|--|--|----------------|-----|-------|-------|------|------|--|--|----------------|-----|-------|-------|------|------|--|--|----------------|-----|-------|-------|------|------|--|--|-----------------|------|-------|-------|------|------|--|--|-------------|------|--------|-------|------|------|--|--|----------------------|------|--------|-------|------|------|--|--|-----------------|-----|-------|-------|------|------|--|--|-----------------|-----|-------|-------|------|------|--|--|-----------------|-----|-------|-------|------|------|--|--|-----------------|-----|-------|-------|------|------|--|
| <div>Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC tags / RFID [16]</div> <div>PLC tags</div> <div><div>PLC tags</div><table><tr><th></th><th>Name</th><th>Data type</th><th>Address</th><th>Retain</th><th>Visible in HMI</th><th>Accessible from HMI</th><th>Comment</th></tr><tr><td></td><td>i_command_value</td><td>Byte</td><td>%IB90</td><td>False</td><td>True</td><td>True</td><td></td></tr><tr><td></td><td>i_command_ack</td><td>Bool</td><td>%I91.0</td><td>False</td><td>True</td><td>True</td><td></td></tr><tr><td></td><td>i_command_end</td><td>Bool</td><td>%I91.1</td><td>False</td><td>True</td><td>True</td><td></td></tr><tr><td></td><td>i_tag_present</td><td>Bool</td><td>%I91.2</td><td>False</td><td>True</td><td>True</td><td></td></tr><tr><td></td><td>i_antenna_deactivated</td><td>Bool</td><td>%I91.3</td><td>False</td><td>True</td><td>True</td><td></td></tr><tr><td></td><td>i_read_value_0</td><td>Int</td><td>%IW92</td><td>False</td><td>True</td><td>True</td><td></td></tr><tr><td></td><td>i_read_value_1</td><td>Int</td><td>%IW94</td><td>False</td><td>True</td><td>True</td><td></td></tr><tr><td></td><td>i_read_value_2</td><td>Int</td><td>%IW96</td><td>False</td><td>True</td><td>True</td><td></td></tr><tr><td></td><td>i_read_value_3</td><td>Int</td><td>%IW98</td><td>False</td><td>True</td><td>True</td><td></td></tr><tr><td></td><td>q_command_value</td><td>Byte</td><td>%QB84</td><td>False</td><td>True</td><td>True</td><td></td></tr><tr><td></td><td>q_start_r/w</td><td>Bool</td><td>%Q85.0</td><td>False</td><td>True</td><td>True</td><td></td></tr><tr><td></td><td>q_antenna_deactivate</td><td>Bool</td><td>%Q85.3</td><td>False</td><td>True</td><td>True</td><td></td></tr><tr><td></td><td>q_write_value_0</td><td>Int</td><td>%QW86</td><td>False</td><td>True</td><td>True</td><td></td></tr><tr><td></td><td>q_write_value_1</td><td>Int</td><td>%QW88</td><td>False</td><td>True</td><td>True</td><td></td></tr><tr><td></td><td>q_write_value_2</td><td>Int</td><td>%QW90</td><td>False</td><td>True</td><td>True</td><td></td></tr><tr><td></td><td>q_write_value_3</td><td>Int</td><td>%QW92</td><td>False</td><td>True</td><td>True</td><td></td></tr></table></div> |                       |           |         | Name   | Data type      | Address             | Retain  | Visible in HMI | Accessible from HMI | Comment |  | i_command_value | Byte | %IB90 | False | True | True |  |  | i_command_ack | Bool | %I91.0 | False | True | True |  |  | i_command_end | Bool | %I91.1 | False | True | True |  |  | i_tag_present | Bool | %I91.2 | False | True | True |  |  | i_antenna_deactivated | Bool | %I91.3 | False | True | True |  |  | i_read_value_0 | Int | %IW92 | False | True | True |  |  | i_read_value_1 | Int | %IW94 | False | True | True |  |  | i_read_value_2 | Int | %IW96 | False | True | True |  |  | i_read_value_3 | Int | %IW98 | False | True | True |  |  | q_command_value | Byte | %QB84 | False | True | True |  |  | q_start_r/w | Bool | %Q85.0 | False | True | True |  |  | q_antenna_deactivate | Bool | %Q85.3 | False | True | True |  |  | q_write_value_0 | Int | %QW86 | False | True | True |  |  | q_write_value_1 | Int | %QW88 | False | True | True |  |  | q_write_value_2 | Int | %QW90 | False | True | True |  |  | q_write_value_3 | Int | %QW92 | False | True | True |  |
|   | Name                  | Data type | Address | Retain | Visible in HMI | Accessible from HMI | Comment |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|   | i_command_value       | Byte      | %IB90   | False  | True           | True                |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|   | i_command_ack         | Bool      | %I91.0  | False  | True           | True                |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|   | i_command_end         | Bool      | %I91.1  | False  | True           | True                |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|   | i_tag_present         | Bool      | %I91.2  | False  | True           | True                |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|   | i_antenna_deactivated | Bool      | %I91.3  | False  | True           | True                |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|   | i_read_value_0        | Int       | %IW92   | False  | True           | True                |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|   | i_read_value_1        | Int       | %IW94   | False  | True           | True                |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|   | i_read_value_2        | Int       | %IW96   | False  | True           | True                |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|   | i_read_value_3        | Int       | %IW98   | False  | True           | True                |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|   | q_command_value       | Byte      | %QB84   | False  | True           | True                |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|   | q_start_r/w           | Bool      | %Q85.0  | False  | True           | True                |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|   | q_antenna_deactivate  | Bool      | %Q85.3  | False  | True           | True                |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|   | q_write_value_0       | Int       | %QW86   | False  | True           | True                |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|   | q_write_value_1       | Int       | %QW88   | False  | True           | True                |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|   | q_write_value_2       | Int       | %QW90   | False  | True           | True                |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|   | q_write_value_3       | Int       | %QW92   | False  | True           | True                |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |
|   |                       |           |         |        |                |                     |         |                |                     |         |  |                 |      |       |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |               |      |        |       |      |      |  |  |                       |      |        |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                |     |       |       |      |      |  |  |                 |      |       |       |      |      |  |  |             |      |        |       |      |      |  |  |                      |      |        |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |  |                 |     |       |       |      |      |  |

| Totally Integrated Automation Portal  |           |       |                |  |  |  |      |           |       |         |
|---|-----------|-------|----------------|--|--|--|------|-----------|-------|---------|
| <div>Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC tags / RFID [16]</div> <div>User constants</div> <table><thead><tr><th colspan="4">User constants</th></tr><tr><th>Name</th><th>Data type</th><th>Value</th><th>Comment</th></tr></thead><tbody></tbody></table> |           |       | User constants |  |  |  | Name | Data type | Value | Comment |
| User constants  |           |       |                |  |  |  |      |           |       |         |
| Name  | Data type | Value | Comment        |  |  |  |      |           |       |         |
|   |           |       |                |  |  |  |      |           |       |         |

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| Totally Integrated Automation Portal |  |  |
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Task1 / PLC\_1 [CPU 1212C AC/DC/Rly] / PLC data types

RFID\_IOLink

RFID\_IOLink Properties

General

|           |             |        |   |      |     |          |  |
|-----------|-------------|--------|---|------|-----|----------|--|
| Name      | RFID_IOLink | Number | 1 | Type | UDT | Language |  |
| Numbering |             |        |   |      |     |          |  |

Information

|         |  |                 |  |         |  |        |  |
|---------|--|-----------------|--|---------|--|--------|--|
| Title   |  | Author          |  | Comment |  | Family |  |
| Version |  | User-defined ID |  |         |  |        |  |

| Name                | Data type          | Default value | Accessible from HMI | Visible in HMI | Setpoint | Comment   |
|---------------------|--------------------|---------------|---------------------|----------------|----------|---|
| ▼ Input             | Struct             |               | True                | True           | False    |   |
| command_ack         | Bool               | false         | True                | True           | False    |   |
| command_end         | Bool               | false         | True                | True           | False    |   |
| tag_present         | Bool               | false         | True                | True           | False    |   |
| Antenna_deactivated | Bool               | false         | True                | True           | False    |   |
| command_value       | Byte               | 16#0          | True                | True           | False    |   |
| ▼ read_values       | Array[0..3] of Int |               | True                | True           | False    |   |
| read_values[0]      | Int                | 0             | True                | True           | False    |   |
| read_values[1]      | Int                | 0             | True                | True           | False    |   |
| read_values[2]      | Int                | 0             | True                | True           | False    |   |
| read_values[3]      | Int                | 0             | True                | True           | False    |   |
| ▼ Output            | Struct             |               | True                | True           | False    |   |
| Start_r/w           | Bool               | false         | True                | True           | False    |   |
| Deactivate_antenna  | Bool               | false         | True                | True           | False    |   |
| command_value       | Byte               | 16#0          | True                | True           | False    | 0= read UID, 1=Auto-read, 2=Auto-write, 3=read, 4=write |
| ▼ write_values      | Array[0..3] of Int |               | True                | True           | False    |   |
| write_values[0]     | Int                | 0             | True                | True           | False    |   |
| write_values[1]     | Int                | 0             | True                | True           | False    |   |
| write_values[2]     | Int                | 0             | True                | True           | False    |   |
| write_values[3]     | Int                | 0             | True                | True           | False    |   |

| Totally Integrated Automation Portal  |         |                |             |         |                |             |         |  |  |  |  |  |
|---|---------|----------------|-------------|---------|----------------|-------------|---------|--|--|--|--|--|
| <div>Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Watch and force tables</div> <div>Force table</div> <table><tr><th>Name</th><th>Address</th><th>Display format</th><th>Force value</th><th>Comment</th></tr><tr><td colspan="5"></td></tr></table> |         |                | Name        | Address | Display format | Force value | Comment |  |  |  |  |  |
| Name  | Address | Display format | Force value | Comment |                |             |         |  |  |  |  |  |
|   |         |                |             |         |                |             |         |  |  |  |  |  |
|   |         |                |             |         |                |             |         |  |  |  |  |  |

Totally Integrated Automation Portal

Task1 / PLC\_1 [CPU 1212C AC/DC/Rly] / Watch and force tables

Watch table\_1

| Name              | Address | Display format | Modify value | Comment           |
|-------------------|---------|----------------|--------------|-------------------|
| "i_command_value" | %IB90   | DEC            |              | command value     |
|                   | %IB91   | Bin            |              | status            |
| "i_read_value_0"  | %IW92   | DEC            |              | read value 0      |
| "i_read_value_1"  | %IW94   | DEC            |              | read value 1      |
| "i_read_value_2"  | %IW96   | DEC            |              | read value 2      |
| "i_read_value_3"  | %IW98   | DEC            |              | read value 3      |
|                   | %IW100  | Hex            |              |                   |
|                   | %IW102  | Hex            |              |                   |
|                   | %IW104  | Hex            |              |                   |
|                   | %IW106  | Hex            |              |                   |
| "q_command_value" | %QB84   | Bin            | 2#0000_0001  | command value     |
|                   | %QB85   | Hex            |              | operation command |
| "q_write_value_0" | %QW86   | Hex            |              | write value 0     |
| "q_write_value_1" | %QW88   | Hex            |              | write value 1     |
| "q_write_value_2" | %QW90   | Hex            |              | write value 2     |
| "q_write_value_3" | %QW92   | Hex            |              | write value 3     |
|                   | %QW94   | Hex            |              |                   |
|                   | %QW96   | Hex            |              |                   |
|                   | %QW98   | Hex            |              |                   |
|                   | %Q84.0  | Bool           | TRUE         |                   |
|                   | %Q84.3  | Bool           |              |                   |

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| Totally Integrated Automation Portal   |  |  |
| <div>Task1 / PLC_1 [CPU 1212C AC/DC/Rly] / Traces</div> <div>Measurements</div> <div>This folder is empty.</div> |  |  |
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| Totally Integrated Automation Portal  |  |  |
| <div>Task1 / PLC_1 [CPU 1212C AC/DC/Rly]</div> <div>Text lists</div> <div>This folder is empty.</div> |  |  |
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| Totally Integrated Automation Portal   |  |  |
| <div>Task1 / PLC_1 [CPU 1212C AC/DC/Rly]</div> <div>Local modules</div> <div>This folder is empty.</div> |  |  |
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| Totally Integrated Automation Portal |  |  |
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Task1 / PLC\_1 [CPU 1212C AC/DC/Rly] / Distributed I/O

PROFINET IO-System (100): PN/IE\_1

PROFINET IO-System

General

|       |                    |         |     |   |       |
|-------|--------------------|---------|-----|---|-------|
| Name: | PROFINET IO-System | Number: | 100 | Use name as extension for the PROFINET device name. | False |
|-------|--------------------|---------|-----|---|-------|

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| Totally Integrated Automation Portal  |  |  |
| <div>PROFINET interface [X1]\Hardware identifier\Hardware identifier</div> <div>Hardware identifier 273</div> <div>Identification &amp; Maintenance</div> <div><div>Plant designation</div><div>Location identifier</div><div>Installation date</div><div>2019-02-14 19:48:02.330</div></div> <div>Additional information</div> <div>Hardware identifier\Hardware identifier</div> <div>Hardware identifier 276</div> |  |  |
|   |  |  |

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| Totally Integrated Automation Portal |  |  |
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Task1 / PLC\_1 [CPU 1212C AC/DC/Rly] / Distributed I/O / PROFINET IO-System (100): PN/IE\_1 / AL1100

4 Ports\_1

4 Ports\_1

General

|      |           |        |    |         |  |
|------|-----------|--------|----|---------|--|
| Name | 4 Ports_1 | Author | RV | Comment |  |
| Rack | 0         | Slot   | 1  |         |  |

GeneralCatalog information

|                   |         |             |  |                |                                     |
|-------------------|---------|-------------|--|----------------|-------------------------------------|
| Short designation | 4 Ports | Description | IO-Link Master StandardLine Profi-net 4 Ports IP67 | Article number | AL1100                              |
| Firmware version  |         | HwVersion   |  | GSD file       | gsdml-v2.32-ifm-al1100-20170329.xml |

Hardware identifierHardware identifier

|                     |     |
|---------------------|-----|
| Hardware identifier | 278 |
|---------------------|-----|

|                                      |  |  |
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| Totally Integrated Automation Portal |  |  |
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Task1 / PLC\_1 [CPU 1212C AC/DC/Rly] / Distributed I/O / PROFINET IO-System (100): PN/IE\_1 / AL1100

IO-Link In/Out 8/ 8 Byte + PQI

IO-Link In/Out 8/ 8 Byte + PQI

General

|      |                                |        |    |         |  |
|------|--------------------------------|--------|----|---------|--|
| Name | IO-Link In/Out 8/ 8 Byte + PQI | Author | RV | Comment |  |
|------|--------------------------------|--------|----|---------|--|

General\Catalog information

|                   |                                |             |                                |                |                                     |
|-------------------|--------------------------------|-------------|--------------------------------|----------------|-------------------------------------|
| Short designation | IO-Link In/Out 8/ 8 Byte + PQI | Description | IO-Link In/Out 8/ 8 Byte + PQI | Article number |                                     |
| Firmware version  |                                | HwVersion   |                                | GSD file       | gsdml-v2.32-ifm-al1100-20170329.xml |

Inputs

|                     |             |  |
|---------------------|-------------|--|
| Hardware interrupt: | Deactivated |  |
|---------------------|-------------|--|

Module parameters\Fail Safe parameter

|                |              |               |                         |  |
|----------------|--------------|---------------|-------------------------|--|
| Fail Safe Mode | No Fail Safe | Pattern Value | 00,00,00,00,00,00,00,00 |  |
|----------------|--------------|---------------|-------------------------|--|

Module parameters\IO-Link Port parameter

|                 |                 |                 |                     |                           |                    |
|-----------------|-----------------|-----------------|---------------------|---------------------------|--------------------|
| Port Mode       | IO-Link (Pin 4) | Port cycle time | as fast as possible | Validation / Data Storage | no check and clear |
| Vendor ID (VID) | 0               | Device ID (DID) | 0                   |                           |                    |

I/O addresses\Input addresses

|               |    |             |    |                    |   |
|---------------|----|-------------|----|--------------------|---|
| Start address | 68 | End address | 76 | Organization block | 0 |
| Process image | 0  |             |    |                    |   |

I/O addresses\Output addresses

|               |    |             |    |                    |   |
|---------------|----|-------------|----|--------------------|---|
| Start address | 64 | End address | 71 | Organization block | 0 |
| Process image | 0  |             |    |                    |   |

Hardware identifier\Hardware identifier

|                     |     |
|---------------------|-----|
| Hardware identifier | 280 |
|---------------------|-----|



|   |       |  |      |       |
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| Totally Integrated Automation Portal  |       |  |      |       |
| <div>Task1</div> <div>HMI_2 [KTP400 Basic PN]</div> <div><div>HMI_2</div><div>General</div><div><table><tr><td>Name</td><td>HMI_2</td></tr></table></div></div> |       |  | Name | HMI_2 |
| Name  | HMI_2 |  |      |       |
|   |       |  |      |       |



|                                      |  |  |  |  |  |
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| Totally Integrated Automation Portal |  |  |  |  |  |
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Task1 / HMI\_2 [KTP400 Basic PN]

Runtime settings

General

|                         |                    |                   |          |                              |         |
|-------------------------|--------------------|-------------------|----------|------------------------------|---------|
| Start screen            | Read and write     | Default template  |          | Default style of the project | Checked |
| Style of the HMI device | WinCC Dark V 1.0.1 | Screen resolution | 480, 272 | Project ID                   | 0       |
| Logging language        | Startup language   |                   |          |                              |         |

Screens

|  |     |                             |           |      |        |
|--|-----|-----------------------------|-----------|------|--------|
| Bit selection for text and graphic lists | Off | User-defined pictogram size | Unchecked | X,Y: | 64, 45 |
|--|-----|-----------------------------|-----------|------|--------|

Keyboard

|                     |         |                        |           |                                     |           |
|---------------------|---------|------------------------|-----------|-------------------------------------|-----------|
| Use screen keyboard | Checked | Release button on exit | Unchecked | Disable dialog window function keys | Unchecked |
|---------------------|---------|------------------------|-----------|-------------------------------------|-----------|

Alarms

Controller alarms

|                       |           |                           |                  |                       |           |
|-----------------------|-----------|---------------------------|------------------|-----------------------|-----------|
| Buffer overflow       | 10 %      | Acknowledgment group text | QGR              | Use alarm class color | Unchecked |
| System event duration | 2 Seconds | Connection                | HMI_Connection_1 |                       |           |

User administration

|                                 |           |                         |           |                                |           |
|---------------------------------|-----------|-------------------------|-----------|--------------------------------|-----------|
| Enable limit for logon attempts | Checked   | Invalid logon attempts  | 3         | Logon with password            | Unchecked |
| Group-specific rights           | Unchecked | Password aging          | Unchecked | Validity period                | 90        |
| Warning period                  | 7         | Password generations    | 3         | At least one special character | Unchecked |
| At least one number             | Unchecked | Minimum password length | 3         |                                |           |

Language & font

|                          |         |               |        |              |                  |
|--------------------------|---------|---------------|--------|--------------|------------------|
| Preset runtime language: |         | English (USA) |        |              |                  |
| English (USA)            |         |               |        |              |                  |
| Runtime language         | Checked | Fixed font 1  | Tahoma | Default font | Tahoma, 11 Pixel |
| Configured font 1        |         |               |        |              |                  |

Tag settings

|   |           |   |           |  |                  |
|---|-----------|---|-----------|--|------------------|
| Replace the separator on each sub-level of the path of the PLC tag: | Checked   | Compatibility mode: Set '_' between the PLC tags and the first-level element. | Unchecked | Replace the '.' character if the name of the HMI tag is created from the PLC tag name          | Checked          |
| Use '_' as the replacement character                                | Checked   | Use ';' as the replacement character  | Unchecked | Replace the characters '[' and ']' if the name of the HMI tag is created from the PLC tag name | Checked          |
| Use '{' and '}' as replacement characters                           | Checked   | Use '(' and ')' as replacement characters                                     | Unchecked | Connection   | HMI_Connection_1 |
| PLC name as prefix in the HMI tag name                              | Unchecked |   |           |  |                  |

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| Totally Integrated Automation Portal |  |  |
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Task1 / HMI\_2 [KTP400 Basic PN] / Screens

Log

Hardcopy of Log

General

|        |     |                  |               |            |         |
|--------|-----|------------------|---------------|------------|---------|
| Name   | Log | Background color | 181, 182, 181 | Grid color | 0, 0, 0 |
| Number | 1   | Template         |               | Tooltip    |         |

Layers

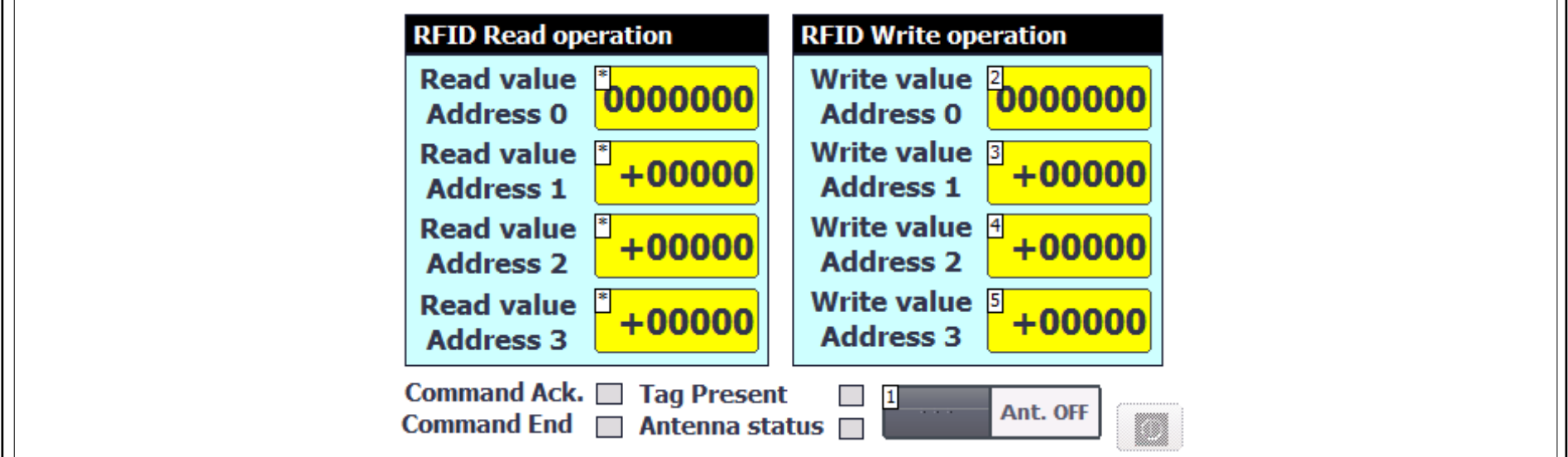
|              |   |
|--------------|---|
| Active layer | 0 |
|--------------|---|

|          |         |
|----------|---------|
| Layer_0  | Checked |
| Layer_1  | Checked |
| Layer_2  | Checked |
| Layer_3  | Checked |
| Layer_4  | Checked |
| Layer_5  | Checked |
| Layer_6  | Checked |
| Layer_7  | Checked |
| Layer_8  | Checked |
| Layer_9  | Checked |
| Layer_10 | Checked |
| Layer_11 | Checked |
| Layer_12 | Checked |
| Layer_13 | Checked |
| Layer_14 | Checked |
| Layer_15 | Checked |
| Layer_16 | Checked |
| Layer_17 | Checked |
| Layer_18 | Checked |
| Layer_19 | Checked |
| Layer_20 | Checked |
| Layer_21 | Checked |
| Layer_22 | Checked |
| Layer_23 | Checked |
| Layer_24 | Checked |
| Layer_25 | Checked |
| Layer_26 | Checked |
| Layer_27 | Checked |
| Layer_28 | Checked |
| Layer_29 | Checked |
| Layer_30 | Checked |
| Layer_31 | Checked |

Task1 / HMI\_2 [KTP400 Basic PN] / Screens

Read and write

Hardcopy of Read and write



| General                  |                          |                         |               |                         |              |
|--------------------------|--------------------------|-------------------------|---------------|-------------------------|--------------|
| Name                     | Read and write           | Background color        | 255, 255, 255 | Grid color              | 0, 0, 0      |
| Number                   | 3                        | Template                | Template_1    | Tooltip                 |              |
| Layers                   |                          |                         |               |                         |              |
| Active layer             | 0                        |                         |               |                         |              |
| Layer_0                  |                          |                         | Checked       |                         |              |
| Layer_1                  |                          |                         | Checked       |                         |              |
| Layer_2                  |                          |                         | Checked       |                         |              |
| Layer_3                  |                          |                         | Checked       |                         |              |
| Layer_4                  |                          |                         | Checked       |                         |              |
| Layer_5                  |                          |                         | Checked       |                         |              |
| Layer_6                  |                          |                         | Checked       |                         |              |
| Layer_7                  |                          |                         | Checked       |                         |              |
| Layer_8                  |                          |                         | Checked       |                         |              |
| Layer_9                  |                          |                         | Checked       |                         |              |
| Layer_10                 |                          |                         | Checked       |                         |              |
| Layer_11                 |                          |                         | Checked       |                         |              |
| Layer_12                 |                          |                         | Checked       |                         |              |
| Layer_13                 |                          |                         | Checked       |                         |              |
| Layer_14                 |                          |                         | Checked       |                         |              |
| Layer_15                 |                          |                         | Checked       |                         |              |
| Layer_16                 |                          |                         | Checked       |                         |              |
| Layer_17                 |                          |                         | Checked       |                         |              |
| Layer_18                 |                          |                         | Checked       |                         |              |
| Layer_19                 |                          |                         | Checked       |                         |              |
| Layer_20                 |                          |                         | Checked       |                         |              |
| Layer_21                 |                          |                         | Checked       |                         |              |
| Layer_22                 |                          |                         | Checked       |                         |              |
| Layer_23                 |                          |                         | Checked       |                         |              |
| Layer_24                 |                          |                         | Checked       |                         |              |
| Layer_25                 |                          |                         | Checked       |                         |              |
| Layer_26                 |                          |                         | Checked       |                         |              |
| Layer_27                 |                          |                         | Checked       |                         |              |
| Layer_28                 |                          |                         | Checked       |                         |              |
| Layer_29                 |                          |                         | Checked       |                         |              |
| Layer_30                 |                          |                         | Checked       |                         |              |
| Layer_31                 |                          |                         | Checked       |                         |              |
| Text field_1             |                          |                         |               |                         |              |
|                          |                          |                         |               |                         |              |
| Type                     | Text field               |                         |               |                         |              |
| General                  |                          |                         |               |                         |              |
| Text                     | RFID Read operation      |                         |               |                         |              |
| Appearance               |                          |                         |               |                         |              |
| Background color         | 255, 255, 255            | Background fill pattern | Transparent   | Border background color | 99, 101, 115 |
| Border color             | 66, 73, 82               | Border width            | 0             | Line style              | Double line  |
| Foreground color         | 255, 255, 255            | Corner radius (border)  | 3             |                         |              |
| Layout                   |                          |                         |               |                         |              |
| Bottom margin            | 2                        | Fit to size             | Checked       | Height                  | 22           |
| X position               | 13                       | Left margin             | 3             | Right margin            | 2            |
| Y position               | 9                        | Top margin              | 2             | Width                   | 161          |
| Text format              |                          |                         |               |                         |              |
| Font                     | Tahoma, 15px, style=Bold | Horizontal alignment    | Left          | Orientation             | Horizontal   |
| Vertical alignment       | Middle                   |                         |               |                         |              |
| Flashing                 |                          |                         |               |                         |              |
| Flashing                 | None                     |                         |               |                         |              |
| Styles/Designs           |                          |                         |               |                         |              |
| Use style/design         | Unchecked                |                         |               |                         |              |
| Miscellaneous            |                          |                         |               |                         |              |
| Layer                    | 0 - Layer_0              | Name                    | Text field_1  |                         |              |
| Dynamizations\Appearance |                          |                         |               |                         |              |
| Tag - Cycle              | i_command_value -        | Data type               | Range         | Range                   | 1..1         |

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| Totally Integrated Automation Portal |  |  |  |  |  |  |
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|------------------|-----------|------------------|---------------|----------|----|
| Foreground color | 0, 255, 0 | Background color | 255, 255, 255 | Flashing | No |
|------------------|-----------|------------------|---------------|----------|----|

Text field\_2

|                    |                          |                         |              |                         |              |
|--------------------|--------------------------|-------------------------|--------------|-------------------------|--------------|
| Type               | Text field               |                         |              |                         |              |
| General            |                          |                         |              |                         |              |
| Text               | Read value<br>Address 0  |                         |              |                         |              |
| Appearance         |                          |                         |              |                         |              |
| Background color   | 255, 255, 255            | Background fill pattern | Transparent  | Border background color | 99, 101, 115 |
| Border color       | 66, 73, 82               | Border width            | 0            | Line style              | Double line  |
| Foreground color   | 49, 52, 74               | Corner radius (border)  | 3            |                         |              |
| Layout             |                          |                         |              |                         |              |
| Bottom margin      | 2                        | Fit to size             | Checked      | Height                  | 46           |
| X position         | 17                       | Left margin             | 3            | Right margin            | 2            |
| Y position         | 34                       | Top margin              | 2            | Width                   | 99           |
| Text format        |                          |                         |              |                         |              |
| Font               | Tahoma, 17px, style=Bold | Horizontal alignment    | Centered     | Orientation             | Horizontal   |
| Vertical alignment | Middle                   |                         |              |                         |              |
| Flashing           |                          |                         |              |                         |              |
| Flashing           | None                     |                         |              |                         |              |
| Styles/Designs     |                          |                         |              |                         |              |
| Use style/design   | Unchecked                |                         |              |                         |              |
| Miscellaneous      |                          |                         |              |                         |              |
| Layer              | 0 - Layer_0              | Name                    | Text field_2 |                         |              |

I/O field\_1

|                               |                          |                              |                |                         |              |
|-------------------------------|--------------------------|------------------------------|----------------|-------------------------|--------------|
| Type                          | I/O field                |                              |                |                         |              |
| General                       |                          |                              |                |                         |              |
| Display format                | Decimal                  | Field length                 | 10             | Format pattern          | 9999999      |
| Mode                          | Output                   | Process value                |                | Shift decimal point     | 0            |
| Show leading zeros            | Unchecked                |                              |                |                         |              |
| Appearance                    |                          |                              |                |                         |              |
| Background color              | 255, 255, 0              | Background fill pattern      | Solid          | Border background color | 99, 101, 115 |
| Border color                  | 66, 73, 82               | Border width                 | 1              | Line style              | Double line  |
| Foreground color              | 49, 52, 74               | Unit                         |                | Corner radius           | 3            |
| Characteristics               |                          |                              |                |                         |              |
| Hidden input                  | Unchecked                |                              |                |                         |              |
| Layout                        |                          |                              |                |                         |              |
| Bottom margin                 | 2                        | Fit to size                  | Unchecked      | Height                  | 39           |
| X position                    | 125                      | Left margin                  | 3              | Right margin            | 2            |
| Y position                    | 39                       | Top margin                   | 2              | Width                   | 99           |
| Text format                   |                          |                              |                |                         |              |
| Font                          | Tahoma, 21px, style=Bold | Horizontal alignment         | Right          | Orientation             | Horizontal   |
| Vertical alignment            | Middle                   |                              |                |                         |              |
| Limits                        |                          |                              |                |                         |              |
| Color for High limit violated | 239, 89, 99              | Color for Low limit violated | 247, 162, 41   |                         |              |
| Styles/Designs                |                          |                              |                |                         |              |
| Use style/design              | Unchecked                |                              |                |                         |              |
| Miscellaneous                 |                          |                              |                |                         |              |
| Tooltip                       |                          | Layer                        | 0 - Layer_0    | Name                    | I/O field_1  |
| Security                      |                          |                              |                |                         |              |
| Authorization                 |                          | Allow operator control       | Checked        |                         |              |
| Dynamizations\Tag connection  |                          |                              |                |                         |              |
| Property name                 | Process value            | Tag                          | i_read_value_0 |                         |              |

I/O field\_2

|                               |                          |                              |              |                         |              |
|-------------------------------|--------------------------|------------------------------|--------------|-------------------------|--------------|
| Type                          | I/O field                |                              |              |                         |              |
| General                       |                          |                              |              |                         |              |
| Display format                | Decimal                  | Field length                 | 5            | Format pattern          | s99999       |
| Mode                          | Output                   | Process value                |              | Shift decimal point     | 0            |
| Show leading zeros            | Unchecked                |                              |              |                         |              |
| Appearance                    |                          |                              |              |                         |              |
| Background color              | 255, 255, 0              | Background fill pattern      | Solid        | Border background color | 99, 101, 115 |
| Border color                  | 66, 73, 82               | Border width                 | 1            | Line style              | Double line  |
| Foreground color              | 49, 52, 74               | Unit                         |              | Corner radius           | 3            |
| Characteristics               |                          |                              |              |                         |              |
| Hidden input                  | Unchecked                |                              |              |                         |              |
| Layout                        |                          |                              |              |                         |              |
| Bottom margin                 | 2                        | Fit to size                  | Unchecked    | Height                  | 39           |
| X position                    | 125                      | Left margin                  | 3            | Right margin            | 2            |
| Y position                    | 84                       | Top margin                   | 2            | Width                   | 99           |
| Text format                   |                          |                              |              |                         |              |
| Font                          | Tahoma, 21px, style=Bold | Horizontal alignment         | Right        | Orientation             | Horizontal   |
| Vertical alignment            | Middle                   |                              |              |                         |              |
| Limits                        |                          |                              |              |                         |              |
| Color for High limit violated | 239, 89, 99              | Color for Low limit violated | 247, 162, 41 |                         |              |
| Styles/Designs                |                          |                              |              |                         |              |
| Use style/design              | Unchecked                |                              |              |                         |              |

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| Totally Integrated Automation Portal |  |                          |                              |                |                         |              |
| Miscellaneous                        |  |                          |                              |                |                         |              |
| Tooltip                              |  | Layer                    | 0 - Layer_0                  | Name           | I/O field_2             |              |
| Security                             |  |                          |                              |                |                         |              |
| Authorization                        |  | Allow operator control   | Checked                      |                |                         |              |
| Dynamizations\Tag connection         |  |                          |                              |                |                         |              |
| Property name                        |  | Process value            | Tag                          | i_read_value_1 |                         |              |
| I/O field_3                          |  |                          |                              |                |                         |              |
| Type                                 |  | I/O field                |                              |                |                         |              |
| General                              |  |                          |                              |                |                         |              |
| Display format                       |  | Decimal                  | Field length                 | 5              | Format pattern          | s99999       |
| Mode                                 |  | Output                   | Process value                |                | Shift decimal point     | 0            |
| Show leading zeros                   |  | Unchecked                |                              |                |                         |              |
| Appearance                           |  |                          |                              |                |                         |              |
| Background color                     |  | 255, 255, 0              | Background fill pattern      | Solid          | Border background color | 99, 101, 115 |
| Border color                         |  | 66, 73, 82               | Border width                 | 1              | Line style              | Double line  |
| Foreground color                     |  | 49, 52, 74               | Unit                         |                | Corner radius           | 3            |
| Characteristics                      |  |                          |                              |                |                         |              |
| Hidden input                         |  | Unchecked                |                              |                |                         |              |
| Layout                               |  |                          |                              |                |                         |              |
| Bottom margin                        |  | 2                        | Fit to size                  | Unchecked      | Height                  | 39           |
| X position                           |  | 125                      | Left margin                  | 3              | Right margin            | 2            |
| Y position                           |  | 128                      | Top margin                   | 2              | Width                   | 99           |
| Text format                          |  |                          |                              |                |                         |              |
| Font                                 |  | Tahoma, 21px, style=Bold | Horizontal alignment         | Right          | Orientation             | Horizontal   |
| Vertical alignment                   |  | Middle                   |                              |                |                         |              |
| Limits                               |  |                          |                              |                |                         |              |
| Color for High limit violated        |  | 239, 89, 99              | Color for Low limit violated | 247, 162, 41   |                         |              |
| Styles/Designs                       |  |                          |                              |                |                         |              |
| Use style/design                     |  | Unchecked                |                              |                |                         |              |
| Miscellaneous                        |  |                          |                              |                |                         |              |
| Tooltip                              |  | Layer                    | 0 - Layer_0                  | Name           | I/O field_3             |              |
| Security                             |  |                          |                              |                |                         |              |
| Authorization                        |  | Allow operator control   | Checked                      |                |                         |              |
| Dynamizations\Tag connection         |  |                          |                              |                |                         |              |
| Property name                        |  | Process value            | Tag                          | i_read_value_2 |                         |              |
| I/O field_4                          |  |                          |                              |                |                         |              |
| Type                                 |  | I/O field                |                              |                |                         |              |
| General                              |  |                          |                              |                |                         |              |
| Display format                       |  | Decimal                  | Field length                 | 5              | Format pattern          | s99999       |
| Mode                                 |  | Output                   | Process value                |                | Shift decimal point     | 0            |
| Show leading zeros                   |  | Unchecked                |                              |                |                         |              |
| Appearance                           |  |                          |                              |                |                         |              |
| Background color                     |  | 255, 255, 0              | Background fill pattern      | Solid          | Border background color | 99, 101, 115 |
| Border color                         |  | 66, 73, 82               | Border width                 | 1              | Line style              | Double line  |
| Foreground color                     |  | 49, 52, 74               | Unit                         |                | Corner radius           | 3            |
| Characteristics                      |  |                          |                              |                |                         |              |
| Hidden input                         |  | Unchecked                |                              |                |                         |              |
| Layout                               |  |                          |                              |                |                         |              |
| Bottom margin                        |  | 2                        | Fit to size                  | Unchecked      | Height                  | 39           |
| X position                           |  | 125                      | Left margin                  | 3              | Right margin            | 2            |
| Y position                           |  | 173                      | Top margin                   | 2              | Width                   | 99           |
| Text format                          |  |                          |                              |                |                         |              |
| Font                                 |  | Tahoma, 21px, style=Bold | Horizontal alignment         | Right          | Orientation             | Horizontal   |
| Vertical alignment                   |  | Middle                   |                              |                |                         |              |
| Limits                               |  |                          |                              |                |                         |              |
| Color for High limit violated        |  | 239, 89, 99              | Color for Low limit violated | 247, 162, 41   |                         |              |
| Styles/Designs                       |  |                          |                              |                |                         |              |
| Use style/design                     |  | Unchecked                |                              |                |                         |              |
| Miscellaneous                        |  |                          |                              |                |                         |              |
| Tooltip                              |  | Layer                    | 0 - Layer_0                  | Name           | I/O field_4             |              |
| Security                             |  |                          |                              |                |                         |              |
| Authorization                        |  | Allow operator control   | Checked                      |                |                         |              |
| Dynamizations\Tag connection         |  |                          |                              |                |                         |              |
| Property name                        |  | Process value            | Tag                          | i_read_value_3 |                         |              |
| Text field_7                         |  |                          |                              |                |                         |              |
| Type                                 |  | Text field               |                              |                |                         |              |
| General                              |  |                          |                              |                |                         |              |
| Text                                 |  | Command Ack.             |                              |                |                         |              |
| Appearance                           |  |                          |                              |                |                         |              |
| Background color                     |  | 255, 255, 255            | Background fill pattern      | Transparent    | Border background color | 99, 101, 115 |
| Border color                         |  | 66, 73, 82               | Border width                 | 0              | Line style              | Double line  |
| Foreground color                     |  | 49, 52, 74               | Corner radius (border)       | 3              |                         |              |
| Layout                               |  |                          |                              |                |                         |              |
| Bottom margin                        |  | 2                        | Fit to size                  | Checked        | Height                  | 22           |
|                                      |  |                          |                              |                |                         |              |

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| Totally Integrated Automation Portal |  |  |  |  |  |  |
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|--------------------|--------------------------|-----------------------|--------------|--------------|------------|
| X position         | 8                        | Left margin           | 3            | Right margin | 2          |
| Y position         | 224                      | Top margin            | 2            | Width        | 113        |
| Text format        |                          |                       |              |              |            |
| Font               | Tahoma, 15px, style=Bold | Horizontal align-ment | Centered     | Orientation  | Horizontal |
| Vertical alignment | Middle                   |                       |              |              |            |
| Flashing           |                          |                       |              |              |            |
| Flashing           | None                     |                       |              |              |            |
| Styles/Designs     |                          |                       |              |              |            |
| Use style/design   | Unchecked                |                       |              |              |            |
| Miscellaneous      |                          |                       |              |              |            |
| Layer              | 0 - Layer_0              | Name                  | Text field_7 |              |            |

Text field\_8

|                    |                          |                          |              |                         |              |
|--------------------|--------------------------|--------------------------|--------------|-------------------------|--------------|
| Type               | Text field               |                          |              |                         |              |
| General            |                          |                          |              |                         |              |
| Text               | Command End              |                          |              |                         |              |
| Appearance         |                          |                          |              |                         |              |
| Background color   | 255, 255, 255            | Background fill pat-tern | Transparent  | Border background color | 99, 101, 115 |
| Border color       | 66, 73, 82               | Border width             | 0            | Line style              | Double line  |
| Foreground color   | 49, 52, 74               | Corner radius (bor-der)  | 3            |                         |              |
| Layout             |                          |                          |              |                         |              |
| Bottom margin      | 2                        | Fit to size              | Checked      | Height                  | 22           |
| X position         | 6                        | Left margin              | 3            | Right margin            | 2            |
| Y position         | 243                      | Top margin               | 2            | Width                   | 108          |
| Text format        |                          |                          |              |                         |              |
| Font               | Tahoma, 15px, style=Bold | Horizontal align-ment    | Centered     | Orientation             | Horizontal   |
| Vertical alignment | Middle                   |                          |              |                         |              |
| Flashing           |                          |                          |              |                         |              |
| Flashing           | None                     |                          |              |                         |              |
| Styles/Designs     |                          |                          |              |                         |              |
| Use style/design   | Unchecked                |                          |              |                         |              |
| Miscellaneous      |                          |                          |              |                         |              |
| Layer              | 0 - Layer_0              | Name                     | Text field_8 |                         |              |

Text field\_9

|                    |                          |                          |              |                         |              |
|--------------------|--------------------------|--------------------------|--------------|-------------------------|--------------|
| Type               | Text field               |                          |              |                         |              |
| General            |                          |                          |              |                         |              |
| Text               | Tag Present              |                          |              |                         |              |
| Appearance         |                          |                          |              |                         |              |
| Background color   | 255, 255, 255            | Background fill pat-tern | Transparent  | Border background color | 99, 101, 115 |
| Border color       | 66, 73, 82               | Border width             | 0            | Line style              | Double line  |
| Foreground color   | 49, 52, 74               | Corner radius (bor-der)  | 3            |                         |              |
| Layout             |                          |                          |              |                         |              |
| Bottom margin      | 2                        | Fit to size              | Checked      | Height                  | 22           |
| X position         | 149                      | Left margin              | 3            | Right margin            | 2            |
| Y position         | 225                      | Top margin               | 2            | Width                   | 94           |
| Text format        |                          |                          |              |                         |              |
| Font               | Tahoma, 15px, style=Bold | Horizontal align-ment    | Centered     | Orientation             | Horizontal   |
| Vertical alignment | Middle                   |                          |              |                         |              |
| Flashing           |                          |                          |              |                         |              |
| Flashing           | None                     |                          |              |                         |              |
| Styles/Designs     |                          |                          |              |                         |              |
| Use style/design   | Unchecked                |                          |              |                         |              |
| Miscellaneous      |                          |                          |              |                         |              |
| Layer              | 0 - Layer_0              | Name                     | Text field_9 |                         |              |

Text field\_10

|                    |                          |                          |               |                         |              |
|--------------------|--------------------------|--------------------------|---------------|-------------------------|--------------|
| Type               | Text field               |                          |               |                         |              |
| General            |                          |                          |               |                         |              |
| Text               | Antenna status           |                          |               |                         |              |
| Appearance         |                          |                          |               |                         |              |
| Background color   | 255, 255, 255            | Background fill pat-tern | Transparent   | Border background color | 99, 101, 115 |
| Border color       | 66, 73, 82               | Border width             | 0             | Line style              | Double line  |
| Foreground color   | 49, 52, 74               | Corner radius (bor-der)  | 3             |                         |              |
| Layout             |                          |                          |               |                         |              |
| Bottom margin      | 2                        | Fit to size              | Checked       | Height                  | 22           |
| X position         | 149                      | Left margin              | 3             | Right margin            | 2            |
| Y position         | 244                      | Top margin               | 2             | Width                   | 116          |
| Text format        |                          |                          |               |                         |              |
| Font               | Tahoma, 15px, style=Bold | Horizontal align-ment    | Centered      | Orientation             | Horizontal   |
| Vertical alignment | Middle                   |                          |               |                         |              |
| Flashing           |                          |                          |               |                         |              |
| Flashing           | None                     |                          |               |                         |              |
| Styles/Designs     |                          |                          |               |                         |              |
| Use style/design   | Unchecked                |                          |               |                         |              |
| Miscellaneous      |                          |                          |               |                         |              |
| Layer              | 0 - Layer_0              | Name                     | Text field_10 |                         |              |

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|                                      |                         |  |                         |               |                     |            |
|--------------------------------------|-------------------------|--|-------------------------|---------------|---------------------|------------|
| Totally Integrated Automation Portal |                         |  |                         |               |                     |            |
| Rectangle_1                          |                         |  |                         |               |                     |            |
| Type                                 | Rectangle               |  |                         |               |                     |            |
| Appearance                           |                         |  |                         |               |                     |            |
| Background color                     | 222, 219, 222           |  | Background fill pattern | Solid         | Border color        | 24, 28, 49 |
| Border width                         | 1                       |  | Line style              | Solid         |                     |            |
| Layout                               |                         |  |                         |               |                     |            |
| Height                               | 13                      |  | X position              | 126           | Round corner height | 0          |
| Round corner width                   | 0                       |  | Y position              | 230           | Width               | 16         |
| Styles/Designs                       |                         |  |                         |               |                     |            |
| Use style/design                     | Unchecked               |  |                         |               |                     |            |
| Miscellaneous                        |                         |  |                         |               |                     |            |
| Layer                                | 0 - Layer_0             |  | Name                    | Rectangle_1   |                     |            |
| Dynamizations\Appearance             |                         |  |                         |               |                     |            |
| Tag - Cycle                          | i_command_ack -         |  | Data type               | Range         | Range               | 0..0       |
| Foreground color                     | 24, 28, 49              |  | Background color        | 217, 217, 217 | Flashing            | No         |
| Range                                | 1..1                    |  | Foreground color        | 24, 28, 49    | Background color    | 0, 255, 0  |
| Flashing                             | No                      |  |                         |               |                     |            |
| Rectangle_2                          |                         |  |                         |               |                     |            |
| Type                                 | Rectangle               |  |                         |               |                     |            |
| Appearance                           |                         |  |                         |               |                     |            |
| Background color                     | 222, 219, 222           |  | Background fill pattern | Solid         | Border color        | 24, 28, 49 |
| Border width                         | 1                       |  | Line style              | Solid         |                     |            |
| Layout                               |                         |  |                         |               |                     |            |
| Height                               | 13                      |  | X position              | 126           | Round corner height | 0          |
| Round corner width                   | 0                       |  | Y position              | 250           | Width               | 16         |
| Styles/Designs                       |                         |  |                         |               |                     |            |
| Use style/design                     | Unchecked               |  |                         |               |                     |            |
| Miscellaneous                        |                         |  |                         |               |                     |            |
| Layer                                | 0 - Layer_0             |  | Name                    | Rectangle_2   |                     |            |
| Dynamizations\Appearance             |                         |  |                         |               |                     |            |
| Tag - Cycle                          | i_command_end -         |  | Data type               | Range         | Range               | 0..0       |
| Foreground color                     | 24, 28, 49              |  | Background color        | 217, 217, 217 | Flashing            | No         |
| Range                                | 1..1                    |  | Foreground color        | 24, 28, 49    | Background color    | 0, 255, 0  |
| Flashing                             | No                      |  |                         |               |                     |            |
| Rectangle_3                          |                         |  |                         |               |                     |            |
| Type                                 | Rectangle               |  |                         |               |                     |            |
| Appearance                           |                         |  |                         |               |                     |            |
| Background color                     | 222, 219, 222           |  | Background fill pattern | Solid         | Border color        | 24, 28, 49 |
| Border width                         | 1                       |  | Line style              | Solid         |                     |            |
| Layout                               |                         |  |                         |               |                     |            |
| Height                               | 13                      |  | X position              | 272           | Round corner height | 0          |
| Round corner width                   | 0                       |  | Y position              | 231           | Width               | 15         |
| Styles/Designs                       |                         |  |                         |               |                     |            |
| Use style/design                     | Unchecked               |  |                         |               |                     |            |
| Miscellaneous                        |                         |  |                         |               |                     |            |
| Layer                                | 0 - Layer_0             |  | Name                    | Rectangle_3   |                     |            |
| Dynamizations\Appearance             |                         |  |                         |               |                     |            |
| Tag - Cycle                          | i_tag_present -         |  | Data type               | Range         | Range               | 0..0       |
| Foreground color                     | 24, 28, 49              |  | Background color        | 217, 217, 217 | Flashing            | No         |
| Range                                | 1..1                    |  | Foreground color        | 24, 28, 49    | Background color    | 0, 255, 0  |
| Flashing                             | No                      |  |                         |               |                     |            |
| Rectangle_4                          |                         |  |                         |               |                     |            |
| Type                                 | Rectangle               |  |                         |               |                     |            |
| Appearance                           |                         |  |                         |               |                     |            |
| Background color                     | 222, 219, 222           |  | Background fill pattern | Solid         | Border color        | 24, 28, 49 |
| Border width                         | 1                       |  | Line style              | Solid         |                     |            |
| Layout                               |                         |  |                         |               |                     |            |
| Height                               | 13                      |  | X position              | 272           | Round corner height | 0          |
| Round corner width                   | 0                       |  | Y position              | 251           | Width               | 15         |
| Styles/Designs                       |                         |  |                         |               |                     |            |
| Use style/design                     | Unchecked               |  |                         |               |                     |            |
| Miscellaneous                        |                         |  |                         |               |                     |            |
| Layer                                | 0 - Layer_0             |  | Name                    | Rectangle_4   |                     |            |
| Dynamizations\Appearance             |                         |  |                         |               |                     |            |
| Tag - Cycle                          | i_antenna_deactivated - |  | Data type               | Range         | Range               | 0..0       |
| Foreground color                     | 24, 28, 49              |  | Background color        | 222, 219, 222 | Flashing            | No         |
| Range                                | 1..1                    |  | Foreground color        | 24, 28, 49    | Background color    | 255, 0, 0  |
| Flashing                             | No                      |  |                         |               |                     |            |
| Rectangle_6                          |                         |  |                         |               |                     |            |
| Type                                 | Rectangle               |  |                         |               |                     |            |
| Appearance                           |                         |  |                         |               |                     |            |
| Background color                     | 206, 255, 255           |  | Background fill pattern | Solid         | Border color        | 24, 28, 49 |
| Border width                         | 1                       |  | Line style              | Solid         |                     |            |
| Layout                               |                         |  |                         |               |                     |            |
| Height                               | 188                     |  | X position              | 11            | Round corner height | 0          |
| Round corner width                   | 0                       |  | Y position              | 32            | Width               | 219        |
|                                      |                         |  |                         |               |                     |            |
|                                      |                         |  |                         |               |                     |            |



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| Totally Integrated Automation Portal |  |  |  |  |  |  |
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Styles/Designs

|                  |           |  |  |  |  |
|------------------|-----------|--|--|--|--|
| Use style/design | Unchecked |  |  |  |  |
|------------------|-----------|--|--|--|--|

Miscellaneous

|       |             |      |             |  |  |
|-------|-------------|------|-------------|--|--|
| Layer | 0 - Layer_0 | Name | Rectangle_6 |  |  |
|-------|-------------|------|-------------|--|--|

Rectangle\_7

|                    |           |                         |       |                     |            |
|--------------------|-----------|-------------------------|-------|---------------------|------------|
| Type               | Rectangle |                         |       |                     |            |
| Appearance         |           |                         |       |                     |            |
| Background color   | 0, 0, 0   | Background fill pattern | Solid | Border color        | 24, 28, 49 |
| Border width       | 1         | Line style              | Solid |                     |            |
| Layout             |           |                         |       |                     |            |
| Height             | 24        | X position              | 11    | Round corner height | 0          |
| Round corner width | 0         | Y position              | 8     | Width               | 219        |

Styles/Designs

|                  |           |  |  |  |  |
|------------------|-----------|--|--|--|--|
| Use style/design | Unchecked |  |  |  |  |
|------------------|-----------|--|--|--|--|

Miscellaneous

|       |             |      |             |  |  |
|-------|-------------|------|-------------|--|--|
| Layer | 0 - Layer_0 | Name | Rectangle_7 |  |  |
|-------|-------------|------|-------------|--|--|

Text field\_3

|                    |                          |                         |              |                         |              |
|--------------------|--------------------------|-------------------------|--------------|-------------------------|--------------|
| Type               | Text field               |                         |              |                         |              |
| General            |                          |                         |              |                         |              |
| Text               | Read value<br>Address 1  |                         |              |                         |              |
| Appearance         |                          |                         |              |                         |              |
| Background color   | 255, 255, 255            | Background fill pattern | Transparent  | Border background color | 99, 101, 115 |
| Border color       | 66, 73, 82               | Border width            | 0            | Line style              | Double line  |
| Foreground color   | 49, 52, 74               | Corner radius (border)  | 3            |                         |              |
| Layout             |                          |                         |              |                         |              |
| Bottom margin      | 2                        | Fit to size             | Checked      | Height                  | 46           |
| X position         | 17                       | Left margin             | 3            | Right margin            | 2            |
| Y position         | 79                       | Top margin              | 2            | Width                   | 99           |
| Text format        |                          |                         |              |                         |              |
| Font               | Tahoma, 17px, style=Bold | Horizontal alignment    | Centered     | Orientation             | Horizontal   |
| Vertical alignment | Middle                   |                         |              |                         |              |
| Flashing           |                          |                         |              |                         |              |
| Flashing           | None                     |                         |              |                         |              |
| Styles/Designs     |                          |                         |              |                         |              |
| Use style/design   | Unchecked                |                         |              |                         |              |
| Miscellaneous      |                          |                         |              |                         |              |
| Layer              | 0 - Layer_0              | Name                    | Text field_3 |                         |              |

Text field\_4

|                    |                          |                         |              |                         |              |
|--------------------|--------------------------|-------------------------|--------------|-------------------------|--------------|
| Type               | Text field               |                         |              |                         |              |
| General            |                          |                         |              |                         |              |
| Text               | Read value<br>Address 2  |                         |              |                         |              |
| Appearance         |                          |                         |              |                         |              |
| Background color   | 255, 255, 255            | Background fill pattern | Transparent  | Border background color | 99, 101, 115 |
| Border color       | 66, 73, 82               | Border width            | 0            | Line style              | Double line  |
| Foreground color   | 49, 52, 74               | Corner radius (border)  | 3            |                         |              |
| Layout             |                          |                         |              |                         |              |
| Bottom margin      | 2                        | Fit to size             | Checked      | Height                  | 46           |
| X position         | 17                       | Left margin             | 3            | Right margin            | 2            |
| Y position         | 124                      | Top margin              | 2            | Width                   | 99           |
| Text format        |                          |                         |              |                         |              |
| Font               | Tahoma, 17px, style=Bold | Horizontal alignment    | Centered     | Orientation             | Horizontal   |
| Vertical alignment | Middle                   |                         |              |                         |              |
| Flashing           |                          |                         |              |                         |              |
| Flashing           | None                     |                         |              |                         |              |
| Styles/Designs     |                          |                         |              |                         |              |
| Use style/design   | Unchecked                |                         |              |                         |              |
| Miscellaneous      |                          |                         |              |                         |              |
| Layer              | 0 - Layer_0              | Name                    | Text field_4 |                         |              |

Text field\_5

|                  |                         |                         |             |                         |              |
|------------------|-------------------------|-------------------------|-------------|-------------------------|--------------|
| Type             | Text field              |                         |             |                         |              |
| General          |                         |                         |             |                         |              |
| Text             | Read value<br>Address 3 |                         |             |                         |              |
| Appearance       |                         |                         |             |                         |              |
| Background color | 255, 255, 255           | Background fill pattern | Transparent | Border background color | 99, 101, 115 |
| Border color     | 66, 73, 82              | Border width            | 0           | Line style              | Double line  |
| Foreground color | 49, 52, 74              | Corner radius (border)  | 3           |                         |              |
| Layout           |                         |                         |             |                         |              |
| Bottom margin    | 2                       | Fit to size             | Checked     | Height                  | 46           |
| X position       | 17                      | Left margin             | 3           | Right margin            | 2            |
| Y position       | 170                     | Top margin              | 2           | Width                   | 99           |

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|---|--------------------------|--|----------------------|---|-------------------|--|
| Totally Integrated Automation Portal            |                          |  |                      |   |                   |  |
| Text format                                     |                          |  |                      |   |                   |  |
| Font  | Tahoma, 17px, style=Bold | Horizontal align-ment                  | Centered             | Orientation                             | Horizontal        |  |
| Vertical alignment                              | Middle                   |  |                      |   |                   |  |
| Flashing  |                          |  |                      |   |                   |  |
| Flashing  | None                     |  |                      |   |                   |  |
| Styles/Designs                                  |                          |  |                      |   |                   |  |
| Use style/design                                | Unchecked                |  |                      |   |                   |  |
| Miscellaneous                                   |                          |  |                      |   |                   |  |
| Layer   | 0 - Layer_0              | Name                                   | Text field_5         |   |                   |  |
| Switch_1  |                          |  |                      |   |                   |  |
| Type  | Switch                   |  |                      |   |                   |  |
| General   |                          |  |                      |   |                   |  |
| Mode  | Switch                   | Value status ON                        | 1                    | Process value                           |                   |  |
| Graphic OFF                                     |                          | Graphic ON                             |                      | Text OFF                                | Ant. OFF          |  |
| Text ON   | Ant. ON                  |  |                      |   |                   |  |
| Appearance                                      |                          |  |                      |   |                   |  |
| Background color                                | 99, 101, 115             | Background color (button border)       | 107, 105, 107        | Foreground color                        | 90, 89, 107       |  |
| Inner background color OFF                      | 247, 243, 247            | Inner background color ON              | 247, 243, 247        | Background fill pattern                 | Vertical gradient |  |
| Corner radius                                   | 3                        |  |                      |   |                   |  |
| Fill pattern                                    |                          |  |                      |   |                   |  |
| Background color gradient (button fill pattern) | 99, 101, 115             | Gradient 1 (button fill pattern)       | Checked              | Gradient 2 (button fill pattern)        | Checked           |  |
| Color gradient 1 (button fill pattern)          | 132, 134, 140            | Color gradient 2 (button fill pattern) | 90, 89, 99           | Offset gradient 1 (button fill pattern) | 15                |  |
| Offset gradient 2 (button fill pattern)         | 15                       |  |                      |   |                   |  |
| Design  |                          |  |                      |   |                   |  |
| Focus color                                     | 148, 182, 231            | Focus width                            | 2                    |   |                   |  |
| Layout  |                          |  |                      |   |                   |  |
| Fit to size                                     | Unchecked                | Height                                 | 33                   | X position                              | 298               |  |
| Switch orientation                              | Left to right            | Y position                             | 231                  | Width                                   | 132               |  |
| Margin left graphic (layout)                    | 0                        | Margin top graphic (layout)            | 0                    | Margin right graphic (layout)           | 0                 |  |
| Margin bottom graphic (layout)                  | 0                        | Margin left text (lay-out)             | 0                    | Margin top text (lay-out)               | 0                 |  |
| Margin right text (layout)                      | 0                        | Margin bottom text (layout)            | 0                    | Horizontal align-ment of the graphic    | Centered          |  |
| Vertical alignment of the graphic               | Middle                   | Fit to size                            | Stretch screen       |   |                   |  |
| Text format                                     |                          |  |                      |   |                   |  |
| Font  | Tahoma, 13px, style=Bold | Horizontal align-ment of the text      | Centered             | Vertical alignment of the text          | Middle            |  |
| Limits  |                          |  |                      |   |                   |  |
| Color for High limit violated                   | 239, 97, 99              | Color for Low limit violated           | 255, 219, 41         |   |                   |  |
| Styles/Designs                                  |                          |  |                      |   |                   |  |
| Use style/design                                | Unchecked                |  |                      |   |                   |  |
| Miscellaneous                                   |                          |  |                      |   |                   |  |
| Tooltip   |                          | Layer                                  | 0 - Layer_0          | Name                                    | Switch_1          |  |
| Alignment                                       | Horizontal               |  |                      |   |                   |  |
| Security  |                          |  |                      |   |                   |  |
| Authorization                                   |                          | Allow operator control                 | Checked              |   |                   |  |
| Dynamizations\Tag connection                    |                          |  |                      |   |                   |  |
| Property name                                   | Process value            | Tag                                    | q_deactivate_antenna |   |                   |  |
| Rectangle_5                                     |                          |  |                      |   |                   |  |
| Type  | Rectangle                |  |                      |   |                   |  |
| Appearance                                      |                          |  |                      |   |                   |  |
| Background color                                | 0, 0, 0                  | Background fill pattern                | Solid                | Border color                            | 24, 28, 49        |  |
| Border width                                    | 1                        | Line style                             | Solid                |   |                   |  |
| Layout  |                          |  |                      |   |                   |  |
| Height  | 24                       | X position                             | 244                  | Round corner height                     | 0                 |  |
| Round corner width                              | 0                        | Y position                             | 8                    | Width                                   | 223               |  |
| Styles/Designs                                  |                          |  |                      |   |                   |  |
| Use style/design                                | Unchecked                |  |                      |   |                   |  |
| Miscellaneous                                   |                          |  |                      |   |                   |  |
| Layer   | 0 - Layer_0              | Name                                   | Rectangle_5          |   |                   |  |
| Rectangle_8                                     |                          |  |                      |   |                   |  |
| Type  | Rectangle                |  |                      |   |                   |  |
| Appearance                                      |                          |  |                      |   |                   |  |
| Background color                                | 206, 255, 255            | Background fill pattern                | Solid                | Border color                            | 24, 28, 49        |  |
| Border width                                    | 1                        | Line style                             | Solid                |   |                   |  |
| Layout  |                          |  |                      |   |                   |  |
| Height  | 188                      | X position                             | 244                  | Round corner height                     | 0                 |  |
| Round corner width                              | 0                        | Y position                             | 32                   | Width                                   | 223               |  |
| Styles/Designs                                  |                          |  |                      |   |                   |  |
| Use style/design                                | Unchecked                |  |                      |   |                   |  |
| Miscellaneous                                   |                          |  |                      |   |                   |  |
| Layer   | 0 - Layer_0              | Name                                   | Rectangle_8          |   |                   |  |
|   |                          |  |                      |   |                   |  |
|   |                          |  |                      |   |                   |  |

|                                      |                          |                        |                              |                  |                         |              |
|--------------------------------------|--------------------------|------------------------|------------------------------|------------------|-------------------------|--------------|
| Totally Integrated Automation Portal |                          |                        |                              |                  |                         |              |
| Text field_6                         |                          |                        |                              |                  |                         |              |
| Type                                 | Text field               |                        |                              |                  |                         |              |
| General                              |                          |                        |                              |                  |                         |              |
| Text                                 | RFID Write operation     |                        |                              |                  |                         |              |
| Appearance                           |                          |                        |                              |                  |                         |              |
| Background color                     | 255, 255, 255            |                        | Background fill pattern      | Transparent      | Border background color | 99, 101, 115 |
| Border color                         | 66, 73, 82               |                        | Border width                 | 0                | Line style              | Double line  |
| Foreground color                     | 255, 255, 255            |                        | Corner radius (border)       | 3                |                         |              |
| Layout                               |                          |                        |                              |                  |                         |              |
| Bottom margin                        | 2                        |                        | Fit to size                  | Checked          | Height                  | 22           |
| X position                           | 246                      |                        | Left margin                  | 3                | Right margin            | 2            |
| Y position                           | 9                        |                        | Top margin                   | 2                | Width                   | 165          |
| Text format                          |                          |                        |                              |                  |                         |              |
| Font                                 | Tahoma, 15px, style=Bold |                        | Horizontal alignment         | Left             | Orientation             | Horizontal   |
| Vertical alignment                   | Middle                   |                        |                              |                  |                         |              |
| Flashing                             |                          |                        |                              |                  |                         |              |
| Flashing                             | None                     |                        |                              |                  |                         |              |
| Styles/Designs                       |                          |                        |                              |                  |                         |              |
| Use style/design                     | Unchecked                |                        |                              |                  |                         |              |
| Miscellaneous                        |                          |                        |                              |                  |                         |              |
| Layer                                | 0 - Layer_0              |                        | Name                         | Text field_6     |                         |              |
| Dynamizations\Appearance             |                          |                        |                              |                  |                         |              |
| Tag - Cycle                          | i_command_value -        |                        | Data type                    | Range            | Range                   | 2..2         |
| Foreground color                     | 0, 255, 0                |                        | Background color             | 255, 255, 255    | Flashing                | No           |
| Text field_11                        |                          |                        |                              |                  |                         |              |
| Type                                 | Text field               |                        |                              |                  |                         |              |
| General                              |                          |                        |                              |                  |                         |              |
| Text                                 | Write value<br>Address 0 |                        |                              |                  |                         |              |
| Appearance                           |                          |                        |                              |                  |                         |              |
| Background color                     | 255, 255, 255            |                        | Background fill pattern      | Transparent      | Border background color | 99, 101, 115 |
| Border color                         | 66, 73, 82               |                        | Border width                 | 0                | Line style              | Double line  |
| Foreground color                     | 49, 52, 74               |                        | Corner radius (border)       | 3                |                         |              |
| Layout                               |                          |                        |                              |                  |                         |              |
| Bottom margin                        | 2                        |                        | Fit to size                  | Checked          | Height                  | 46           |
| X position                           | 252                      |                        | Left margin                  | 3                | Right margin            | 2            |
| Y position                           | 34                       |                        | Top margin                   | 2                | Width                   | 102          |
| Text format                          |                          |                        |                              |                  |                         |              |
| Font                                 | Tahoma, 17px, style=Bold |                        | Horizontal alignment         | Centered         | Orientation             | Horizontal   |
| Vertical alignment                   | Middle                   |                        |                              |                  |                         |              |
| Flashing                             |                          |                        |                              |                  |                         |              |
| Flashing                             | None                     |                        |                              |                  |                         |              |
| Styles/Designs                       |                          |                        |                              |                  |                         |              |
| Use style/design                     | Unchecked                |                        |                              |                  |                         |              |
| Miscellaneous                        |                          |                        |                              |                  |                         |              |
| Layer                                | 0 - Layer_0              |                        | Name                         | Text field_11    |                         |              |
| I/O field_5                          |                          |                        |                              |                  |                         |              |
| Type                                 | I/O field                |                        |                              |                  |                         |              |
| General                              |                          |                        |                              |                  |                         |              |
| Display format                       | Decimal                  |                        | Field length                 | 10               | Format pattern          | 9999999      |
| Mode                                 | Input/output             |                        | Process value                |                  | Shift decimal point     | 0            |
| Show leading zeros                   | Unchecked                |                        |                              |                  |                         |              |
| Appearance                           |                          |                        |                              |                  |                         |              |
| Background color                     | 255, 255, 0              |                        | Background fill pattern      | Solid            | Border background color | 99, 101, 115 |
| Border color                         | 66, 73, 82               |                        | Border width                 | 1                | Line style              | Double line  |
| Foreground color                     | 49, 52, 74               |                        | Unit                         |                  | Corner radius           | 3            |
| Characteristics                      |                          |                        |                              |                  |                         |              |
| Hidden input                         | Unchecked                |                        |                              |                  |                         |              |
| Layout                               |                          |                        |                              |                  |                         |              |
| Bottom margin                        | 2                        |                        | Fit to size                  | Unchecked        | Height                  | 39           |
| X position                           | 361                      |                        | Left margin                  | 3                | Right margin            | 2            |
| Y position                           | 39                       |                        | Top margin                   | 2                | Width                   | 99           |
| Text format                          |                          |                        |                              |                  |                         |              |
| Font                                 | Tahoma, 21px, style=Bold |                        | Horizontal alignment         | Right            | Orientation             | Horizontal   |
| Vertical alignment                   | Middle                   |                        |                              |                  |                         |              |
| Limits                               |                          |                        |                              |                  |                         |              |
| Color for High limit violated        | 239, 89, 99              |                        | Color for Low limit violated | 247, 162, 41     |                         |              |
| Styles/Designs                       |                          |                        |                              |                  |                         |              |
| Use style/design                     | Unchecked                |                        |                              |                  |                         |              |
| Miscellaneous                        |                          |                        |                              |                  |                         |              |
| Tooltip                              |                          | Layer                  | 0 - Layer_0                  | Name             | I/O field_5             |              |
| Security                             |                          |                        |                              |                  |                         |              |
| Authorization                        |                          | Allow operator control | Checked                      |                  |                         |              |
| Dynamizations\Tag connection         |                          |                        |                              |                  |                         |              |
| Property name                        | Process value            |                        | Tag                          | q_write_values_0 |                         |              |
|                                      |                          |                        |                              |                  |                         |              |
|                                      |                          |                        |                              |                  |                         |              |

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| Totally Integrated Automation Portal |  |  |  |  |  |  |
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I/O field\_6

|                               |                          |                              |                  |                         |              |
|-------------------------------|--------------------------|------------------------------|------------------|-------------------------|--------------|
| Type                          | I/O field                |                              |                  |                         |              |
| General                       |                          |                              |                  |                         |              |
| Display format                | Decimal                  | Field length                 | 5                | Format pattern          | s99999       |
| Mode                          | Input/output             | Process value                |                  | Shift decimal point     | 0            |
| Show leading zeros            | Unchecked                |                              |                  |                         |              |
| Appearance                    |                          |                              |                  |                         |              |
| Background color              | 255, 255, 0              | Background fill pattern      | Solid            | Border background color | 99, 101, 115 |
| Border color                  | 66, 73, 82               | Border width                 | 1                | Line style              | Double line  |
| Foreground color              | 49, 52, 74               | Unit                         |                  | Corner radius           | 3            |
| Characteristics               |                          |                              |                  |                         |              |
| Hidden input                  | Unchecked                |                              |                  |                         |              |
| Layout                        |                          |                              |                  |                         |              |
| Bottom margin                 | 2                        | Fit to size                  | Unchecked        | Height                  | 39           |
| X position                    | 361                      | Left margin                  | 3                | Right margin            | 2            |
| Y position                    | 84                       | Top margin                   | 2                | Width                   | 99           |
| Text format                   |                          |                              |                  |                         |              |
| Font                          | Tahoma, 21px, style=Bold | Horizontal alignment         | Right            | Orientation             | Horizontal   |
| Vertical alignment            | Middle                   |                              |                  |                         |              |
| Limits                        |                          |                              |                  |                         |              |
| Color for High limit violated | 239, 89, 99              | Color for Low limit violated | 247, 162, 41     |                         |              |
| Styles/Designs                |                          |                              |                  |                         |              |
| Use style/design              | Unchecked                |                              |                  |                         |              |
| Miscellaneous                 |                          |                              |                  |                         |              |
| Tooltip                       |                          | Layer                        | 0 - Layer_0      | Name                    | I/O field_6  |
| Security                      |                          |                              |                  |                         |              |
| Authorization                 |                          | Allow operator control       | Checked          |                         |              |
| Dynamizations\Tag connection  |                          |                              |                  |                         |              |
| Property name                 | Process value            | Tag                          | q_write_values_1 |                         |              |

I/O field\_7

|                               |                          |                              |                  |                         |              |
|-------------------------------|--------------------------|------------------------------|------------------|-------------------------|--------------|
| Type                          | I/O field                |                              |                  |                         |              |
| General                       |                          |                              |                  |                         |              |
| Display format                | Decimal                  | Field length                 | 5                | Format pattern          | s99999       |
| Mode                          | Input/output             | Process value                |                  | Shift decimal point     | 0            |
| Show leading zeros            | Unchecked                |                              |                  |                         |              |
| Appearance                    |                          |                              |                  |                         |              |
| Background color              | 255, 255, 0              | Background fill pattern      | Solid            | Border background color | 99, 101, 115 |
| Border color                  | 66, 73, 82               | Border width                 | 1                | Line style              | Double line  |
| Foreground color              | 49, 52, 74               | Unit                         |                  | Corner radius           | 3            |
| Characteristics               |                          |                              |                  |                         |              |
| Hidden input                  | Unchecked                |                              |                  |                         |              |
| Layout                        |                          |                              |                  |                         |              |
| Bottom margin                 | 2                        | Fit to size                  | Unchecked        | Height                  | 39           |
| X position                    | 361                      | Left margin                  | 3                | Right margin            | 2            |
| Y position                    | 128                      | Top margin                   | 2                | Width                   | 99           |
| Text format                   |                          |                              |                  |                         |              |
| Font                          | Tahoma, 21px, style=Bold | Horizontal alignment         | Right            | Orientation             | Horizontal   |
| Vertical alignment            | Middle                   |                              |                  |                         |              |
| Limits                        |                          |                              |                  |                         |              |
| Color for High limit violated | 239, 89, 99              | Color for Low limit violated | 247, 162, 41     |                         |              |
| Styles/Designs                |                          |                              |                  |                         |              |
| Use style/design              | Unchecked                |                              |                  |                         |              |
| Miscellaneous                 |                          |                              |                  |                         |              |
| Tooltip                       |                          | Layer                        | 0 - Layer_0      | Name                    | I/O field_7  |
| Security                      |                          |                              |                  |                         |              |
| Authorization                 |                          | Allow operator control       | Checked          |                         |              |
| Dynamizations\Tag connection  |                          |                              |                  |                         |              |
| Property name                 | Process value            | Tag                          | q_write_values_2 |                         |              |

I/O field\_8

|                    |                          |                         |           |                         |              |
|--------------------|--------------------------|-------------------------|-----------|-------------------------|--------------|
| Type               | I/O field                |                         |           |                         |              |
| General            |                          |                         |           |                         |              |
| Display format     | Decimal                  | Field length            | 5         | Format pattern          | s99999       |
| Mode               | Input/output             | Process value           |           | Shift decimal point     | 0            |
| Show leading zeros | Unchecked                |                         |           |                         |              |
| Appearance         |                          |                         |           |                         |              |
| Background color   | 255, 255, 0              | Background fill pattern | Solid     | Border background color | 99, 101, 115 |
| Border color       | 66, 73, 82               | Border width            | 1         | Line style              | Double line  |
| Foreground color   | 49, 52, 74               | Unit                    |           | Corner radius           | 3            |
| Characteristics    |                          |                         |           |                         |              |
| Hidden input       | Unchecked                |                         |           |                         |              |
| Layout             |                          |                         |           |                         |              |
| Bottom margin      | 2                        | Fit to size             | Unchecked | Height                  | 39           |
| X position         | 361                      | Left margin             | 3         | Right margin            | 2            |
| Y position         | 173                      | Top margin              | 2         | Width                   | 99           |
| Text format        |                          |                         |           |                         |              |
| Font               | Tahoma, 21px, style=Bold | Horizontal alignment    | Right     | Orientation             | Horizontal   |
| Vertical alignment |                          |                         |           |                         |              |

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| Totally Integrated Automation Portal |  |  |  |  |  |  |
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|-------------------------------|---------------|------------------------------|------------------|------|-------------|
| Vertical alignment            | Middle        |                              |                  |      |             |
| Limits                        |               |                              |                  |      |             |
| Color for High limit violated | 239, 89, 99   | Color for Low limit violated | 247, 162, 41     |      |             |
| Styles/Designs                |               |                              |                  |      |             |
| Use style/design              | Unchecked     |                              |                  |      |             |
| Miscellaneous                 |               |                              |                  |      |             |
| Tooltip                       |               | Layer                        | 0 - Layer_0      | Name | I/O field_8 |
| Security                      |               |                              |                  |      |             |
| Authorization                 |               | Allow operator control       | Checked          |      |             |
| Dynamizations\Tag connection  |               |                              |                  |      |             |
| Property name                 | Process value | Tag                          | q_write_values_3 |      |             |

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| Text field_12 |  |  |  |  |  |
|---------------|--|--|--|--|--|

|                    |                          |                         |               |                         |              |
|--------------------|--------------------------|-------------------------|---------------|-------------------------|--------------|
| Type               | Text field               |                         |               |                         |              |
| General            |                          |                         |               |                         |              |
| Text               | Write value<br>Address 1 |                         |               |                         |              |
| Appearance         |                          |                         |               |                         |              |
| Background color   | 255, 255, 255            | Background fill pattern | Transparent   | Border background color | 99, 101, 115 |
| Border color       | 66, 73, 82               | Border width            | 0             | Line style              | Double line  |
| Foreground color   | 49, 52, 74               | Corner radius (border)  | 3             |                         |              |
| Layout             |                          |                         |               |                         |              |
| Bottom margin      | 2                        | Fit to size             | Checked       | Height                  | 46           |
| X position         | 252                      | Left margin             | 3             | Right margin            | 2            |
| Y position         | 78                       | Top margin              | 2             | Width                   | 102          |
| Text format        |                          |                         |               |                         |              |
| Font               | Tahoma, 17px, style=Bold | Horizontal alignment    | Centered      | Orientation             | Horizontal   |
| Vertical alignment | Middle                   |                         |               |                         |              |
| Flashing           |                          |                         |               |                         |              |
| Flashing           | None                     |                         |               |                         |              |
| Styles/Designs     |                          |                         |               |                         |              |
| Use style/design   | Unchecked                |                         |               |                         |              |
| Miscellaneous      |                          |                         |               |                         |              |
| Layer              | 0 - Layer_0              | Name                    | Text field_12 |                         |              |

|               |  |  |  |  |  |
|---------------|--|--|--|--|--|
| Text field_13 |  |  |  |  |  |
|---------------|--|--|--|--|--|

|                    |                          |                         |               |                         |              |
|--------------------|--------------------------|-------------------------|---------------|-------------------------|--------------|
| Type               | Text field               |                         |               |                         |              |
| General            |                          |                         |               |                         |              |
| Text               | Write value<br>Address 2 |                         |               |                         |              |
| Appearance         |                          |                         |               |                         |              |
| Background color   | 255, 255, 255            | Background fill pattern | Transparent   | Border background color | 99, 101, 115 |
| Border color       | 66, 73, 82               | Border width            | 0             | Line style              | Double line  |
| Foreground color   | 49, 52, 74               | Corner radius (border)  | 3             |                         |              |
| Layout             |                          |                         |               |                         |              |
| Bottom margin      | 2                        | Fit to size             | Checked       | Height                  | 46           |
| X position         | 252                      | Left margin             | 3             | Right margin            | 2            |
| Y position         | 123                      | Top margin              | 2             | Width                   | 102          |
| Text format        |                          |                         |               |                         |              |
| Font               | Tahoma, 17px, style=Bold | Horizontal alignment    | Centered      | Orientation             | Horizontal   |
| Vertical alignment | Middle                   |                         |               |                         |              |
| Flashing           |                          |                         |               |                         |              |
| Flashing           | None                     |                         |               |                         |              |
| Styles/Designs     |                          |                         |               |                         |              |
| Use style/design   | Unchecked                |                         |               |                         |              |
| Miscellaneous      |                          |                         |               |                         |              |
| Layer              | 0 - Layer_0              | Name                    | Text field_13 |                         |              |

|               |  |  |  |  |  |
|---------------|--|--|--|--|--|
| Text field_14 |  |  |  |  |  |
|---------------|--|--|--|--|--|

|                    |                          |                         |             |                         |              |
|--------------------|--------------------------|-------------------------|-------------|-------------------------|--------------|
| Type               | Text field               |                         |             |                         |              |
| General            |                          |                         |             |                         |              |
| Text               | Write value<br>Address 3 |                         |             |                         |              |
| Appearance         |                          |                         |             |                         |              |
| Background color   | 255, 255, 255            | Background fill pattern | Transparent | Border background color | 99, 101, 115 |
| Border color       | 66, 73, 82               | Border width            | 0           | Line style              | Double line  |
| Foreground color   | 49, 52, 74               | Corner radius (border)  | 3           |                         |              |
| Layout             |                          |                         |             |                         |              |
| Bottom margin      | 2                        | Fit to size             | Checked     | Height                  | 46           |
| X position         | 252                      | Left margin             | 3           | Right margin            | 2            |
| Y position         | 168                      | Top margin              | 2           | Width                   | 102          |
| Text format        |                          |                         |             |                         |              |
| Font               | Tahoma, 17px, style=Bold | Horizontal alignment    | Centered    | Orientation             | Horizontal   |
| Vertical alignment | Middle                   |                         |             |                         |              |
| Flashing           |                          |                         |             |                         |              |
| Flashing           | None                     |                         |             |                         |              |
| Styles/Designs     |                          |                         |             |                         |              |
| Use style/design   | Unchecked                |                         |             |                         |              |

|  |                 |                    |               |             |      |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |
|--|-----------------|--------------------|---------------|-------------|------|---------------|------|--------------|---------|--|---------------|--|-------------------|-----------|---------|-----|---------|--|--------------------|---|---------|--|------------|-----------|-----|-----------------|-----|---|-----|-----------------|-----|---|------|--------------|---------|--|---------------|--|-------------------|-----------|---------|-----|---------|--|--------------------|---|---------|--|------------|-----------|-----|-----------------|-----|---|-----|-----------------|-----|---|
| Totally Integrated Automation Portal   |                 |                    |               |             |      |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |
| <div>Miscellaneous</div> <table><tr><td>Layer</td><td>0 - Layer_0</td><td>Name</td><td>Text field_14</td></tr></table> <div>Softkey_F1</div> <table><tr><td>Type</td><td>Function key</td></tr><tr><td colspan="2">General</td></tr><tr><td>Authorization</td><td></td><td>Global assignment</td><td>Unchecked</td><td>KeyCode</td><td>220</td></tr><tr><td>LED tag</td><td></td><td>Bit in the LED tag</td><td>0</td><td>Graphic</td><td></td></tr></table> <div>Dynamizations\Event</div> <table><tr><td>Event name</td><td>Press key</td></tr></table> <div>Function list\SetBitInTag</div> <table><tr><td>Tag</td><td>q_command_value</td><td>Bit</td><td>0</td></tr></table> <div>Function list\ResetBitInTag</div> <table><tr><td>Tag</td><td>q_command_value</td><td>Bit</td><td>1</td></tr></table> <div>Softkey_F2</div> <table><tr><td>Type</td><td>Function key</td></tr><tr><td colspan="2">General</td></tr><tr><td>Authorization</td><td></td><td>Global assignment</td><td>Unchecked</td><td>KeyCode</td><td>221</td></tr><tr><td>LED tag</td><td></td><td>Bit in the LED tag</td><td>0</td><td>Graphic</td><td></td></tr></table> <div>Dynamizations\Event</div> <table><tr><td>Event name</td><td>Press key</td></tr></table> <div>Function list\SetBitInTag</div> <table><tr><td>Tag</td><td>q_command_value</td><td>Bit</td><td>1</td></tr></table> <div>Function list\ResetBitInTag</div> <table><tr><td>Tag</td><td>q_command_value</td><td>Bit</td><td>0</td></tr></table> |                 |                    | Layer         | 0 - Layer_0 | Name | Text field_14 | Type | Function key | General |  | Authorization |  | Global assignment | Unchecked | KeyCode | 220 | LED tag |  | Bit in the LED tag | 0 | Graphic |  | Event name | Press key | Tag | q_command_value | Bit | 0 | Tag | q_command_value | Bit | 1 | Type | Function key | General |  | Authorization |  | Global assignment | Unchecked | KeyCode | 221 | LED tag |  | Bit in the LED tag | 0 | Graphic |  | Event name | Press key | Tag | q_command_value | Bit | 1 | Tag | q_command_value | Bit | 0 |
| Layer  | 0 - Layer_0     | Name               | Text field_14 |             |      |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |
| Type   | Function key    |                    |               |             |      |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |
| General  |                 |                    |               |             |      |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |
| Authorization  |                 | Global assignment  | Unchecked     | KeyCode     | 220  |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |
| LED tag  |                 | Bit in the LED tag | 0             | Graphic     |      |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |
| Event name   | Press key       |                    |               |             |      |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |
| Tag  | q_command_value | Bit                | 0             |             |      |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |
| Tag  | q_command_value | Bit                | 1             |             |      |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |
| Type   | Function key    |                    |               |             |      |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |
| General  |                 |                    |               |             |      |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |
| Authorization  |                 | Global assignment  | Unchecked     | KeyCode     | 221  |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |
| LED tag  |                 | Bit in the LED tag | 0             | Graphic     |      |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |
| Event name   | Press key       |                    |               |             |      |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |
| Tag  | q_command_value | Bit                | 1             |             |      |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |
| Tag  | q_command_value | Bit                | 0             |             |      |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |
|  |                 |                    |               |             |      |               |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |      |              |         |  |               |  |                   |           |         |     |         |  |                    |   |         |  |            |           |     |                 |     |   |     |                 |     |   |



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| Totally Integrated Automation Portal |  |                                     |
| Miscellaneous                        |  |                                     |
| Tooltip                              |  | Layer0 - Layer_0NameTemplate_Button |
| Security                             |  |                                     |
| Authorization                        |  | Allow operator controlChecked       |
| Dynamizations\Event                  |  |                                     |
| Event name                           |  | Release                             |
| Function list\StopRuntime            |  |                                     |
| Mode                                 |  | Runtime                             |
|                                      |  |                                     |
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| Totally Integrated Automation Portal |  |  |
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Task1 / HMI\_2 [KTP400 Basic PN] / Screen management

Global screen

Hardcopy of Global screen

| General |               |                  |               |            |         |
|---------|---------------|------------------|---------------|------------|---------|
| Name    | Global screen | Background color | 181, 182, 181 | Grid color | 0, 0, 0 |

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| Totally Integrated Automation Portal  |  |  |
| <div>Task1 / HMI_2 [KTP400 Basic PN] / HMI tags</div> <div>Default tag table [0]</div> <div>This folder is empty.</div> |  |  |
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| Totally Integrated Automation Portal |  |  |
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Task1 / HMI\_2 [KTP400 Basic PN] / HMI tags

RFID [16]

i\_command\_ack

|                                  |                   |                                    |                                 |                             |        |
|----------------------------------|-------------------|------------------------------------|---------------------------------|-----------------------------|--------|
| General                          |                   |                                    |                                 |                             |        |
| Name                             | i_command_ack     | Connection                         | HMI_Connection_1                | Data type                   | Bool   |
| Array elements                   | 0                 | Length                             | 1                               | Address                     |        |
| Access mode                      | <symbolic access> | PLC tag                            | RFIDData.RFID.Input.command_ack | Coding                      | Binary |
| PLC name                         | PLC_1             |                                    |                                 |                             |        |
| Settings                         |                   |                                    |                                 |                             |        |
| Acquisition cycle                | 100 ms            | Acquisition mode                   | Cyclic in operation             |                             |        |
| Limits                           |                   |                                    |                                 |                             |        |
| Maximum                          |                   | Minimum                            |                                 |                             |        |
| Linear scaling                   |                   |                                    |                                 |                             |        |
| Linear scaling                   | Unchecked         | PLC value range end value          | 10                              | PLC value range start value | 0      |
| HMI device value range end value | 100               | HMI device value range start value | 0                               |                             |        |
| Miscellaneous                    |                   |                                    |                                 |                             |        |
| ID tag                           |                   | Start value                        |                                 |                             |        |
| Comment                          |                   |                                    |                                 |                             |        |
| Comment                          |                   | Source comment                     |                                 |                             |        |
| Multiplexing                     |                   |                                    |                                 |                             |        |
| Multiplexing                     | Unchecked         | Index tag                          |                                 |                             |        |

i\_command\_end

|                                  |                   |                                    |                                 |                             |        |
|----------------------------------|-------------------|------------------------------------|---------------------------------|-----------------------------|--------|
| General                          |                   |                                    |                                 |                             |        |
| Name                             | i_command_end     | Connection                         | HMI_Connection_1                | Data type                   | Bool   |
| Array elements                   | 0                 | Length                             | 1                               | Address                     |        |
| Access mode                      | <symbolic access> | PLC tag                            | RFIDData.RFID.Input.command_end | Coding                      | Binary |
| PLC name                         | PLC_1             |                                    |                                 |                             |        |
| Settings                         |                   |                                    |                                 |                             |        |
| Acquisition cycle                | 100 ms            | Acquisition mode                   | Cyclic in operation             |                             |        |
| Limits                           |                   |                                    |                                 |                             |        |
| Maximum                          |                   | Minimum                            |                                 |                             |        |
| Linear scaling                   |                   |                                    |                                 |                             |        |
| Linear scaling                   | Unchecked         | PLC value range end value          | 10                              | PLC value range start value | 0      |
| HMI device value range end value | 100               | HMI device value range start value | 0                               |                             |        |
| Miscellaneous                    |                   |                                    |                                 |                             |        |
| ID tag                           |                   | Start value                        |                                 |                             |        |
| Comment                          |                   |                                    |                                 |                             |        |
| Comment                          |                   | Source comment                     |                                 |                             |        |
| Multiplexing                     |                   |                                    |                                 |                             |        |
| Multiplexing                     | Unchecked         | Index tag                          |                                 |                             |        |

i\_tag\_present

|                                  |                   |                                    |                                 |                             |        |
|----------------------------------|-------------------|------------------------------------|---------------------------------|-----------------------------|--------|
| General                          |                   |                                    |                                 |                             |        |
| Name                             | i_tag_present     | Connection                         | HMI_Connection_1                | Data type                   | Bool   |
| Array elements                   | 0                 | Length                             | 1                               | Address                     |        |
| Access mode                      | <symbolic access> | PLC tag                            | RFIDData.RFID.Input.tag_present | Coding                      | Binary |
| PLC name                         | PLC_1             |                                    |                                 |                             |        |
| Settings                         |                   |                                    |                                 |                             |        |
| Acquisition cycle                | 100 ms            | Acquisition mode                   | Cyclic in operation             |                             |        |
| Limits                           |                   |                                    |                                 |                             |        |
| Maximum                          |                   | Minimum                            |                                 |                             |        |
| Linear scaling                   |                   |                                    |                                 |                             |        |
| Linear scaling                   | Unchecked         | PLC value range end value          | 10                              | PLC value range start value | 0      |
| HMI device value range end value | 100               | HMI device value range start value | 0                               |                             |        |
| Miscellaneous                    |                   |                                    |                                 |                             |        |
| ID tag                           |                   | Start value                        |                                 |                             |        |
| Comment                          |                   |                                    |                                 |                             |        |
| Comment                          |                   | Source comment                     |                                 |                             |        |
| Multiplexing                     |                   |                                    |                                 |                             |        |
| Multiplexing                     | Unchecked         | Index tag                          |                                 |                             |        |

i\_antenna\_deactivated

|                                  |                       |                                    |  |                             |        |
|----------------------------------|-----------------------|------------------------------------|--|-----------------------------|--------|
| General                          |                       |                                    |  |                             |        |
| Name                             | i_antenna_deactivated | Connection                         | HMI_Connection_1                         | Data type                   | Bool   |
| Array elements                   | 0                     | Length                             | 1  | Address                     |        |
| Access mode                      | <symbolic access>     | PLC tag                            | RFIDData.RFID.Input.Antenna_de-activated | Coding                      | Binary |
| PLC name                         | PLC_1                 |                                    |  |                             |        |
| Settings                         |                       |                                    |  |                             |        |
| Acquisition cycle                | 100 ms                | Acquisition mode                   | Cyclic in operation                      |                             |        |
| Limits                           |                       |                                    |  |                             |        |
| Maximum                          |                       | Minimum                            |  |                             |        |
| Linear scaling                   |                       |                                    |  |                             |        |
| Linear scaling                   | Unchecked             | PLC value range end value          | 10                                       | PLC value range start value | 0      |
| HMI device value range end value | 100                   | HMI device value range start value | 0  |                             |        |

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| Totally Integrated Automation Portal |                   |                                    |                                    |                             |        |  |
| Miscellaneous                        |                   |                                    |                                    |                             |        |  |
| ID tag                               |                   | Start value                        |                                    |                             |        |  |
| Comment                              |                   |                                    |                                    |                             |        |  |
| Comment                              |                   | Source comment                     |                                    |                             |        |  |
| Multiplexing                         |                   |                                    |                                    |                             |        |  |
| Multiplexing                         | Unchecked         | Index tag                          |                                    |                             |        |  |
| i_command_value                      |                   |                                    |                                    |                             |        |  |
| General                              |                   |                                    |                                    |                             |        |  |
| Name                                 | i_command_value   | Connection                         | HMI_Connection_1                   | Data type                   | Byte   |  |
| Array elements                       | 0                 | Length                             | 1                                  | Address                     |        |  |
| Access mode                          | <symbolic access> | PLC tag                            | RFIDData.RFID.Input.command_value  | Coding                      | Binary |  |
| PLC name                             | PLC_1             |                                    |                                    |                             |        |  |
| Settings                             |                   |                                    |                                    |                             |        |  |
| Acquisition cycle                    | 100 ms            | Acquisition mode                   | Cyclic in operation                |                             |        |  |
| Limits                               |                   |                                    |                                    |                             |        |  |
| Maximum                              |                   | Minimum                            |                                    |                             |        |  |
| Linear scaling                       |                   |                                    |                                    |                             |        |  |
| Linear scaling                       | Unchecked         | PLC value range end value          | 10                                 | PLC value range start value | 0      |  |
| HMI device value range end value     | 100               | HMI device value range start value | 0                                  |                             |        |  |
| Miscellaneous                        |                   |                                    |                                    |                             |        |  |
| ID tag                               |                   | Start value                        |                                    |                             |        |  |
| Comment                              |                   |                                    |                                    |                             |        |  |
| Comment                              |                   | Source comment                     |                                    |                             |        |  |
| Multiplexing                         |                   |                                    |                                    |                             |        |  |
| Multiplexing                         | Unchecked         | Index tag                          |                                    |                             |        |  |
| i_read_value_0                       |                   |                                    |                                    |                             |        |  |
| General                              |                   |                                    |                                    |                             |        |  |
| Name                                 | i_read_value_0    | Connection                         | HMI_Connection_1                   | Data type                   | Int    |  |
| Array elements                       | 0                 | Length                             | 2                                  | Address                     |        |  |
| Access mode                          | <symbolic access> | PLC tag                            | RFIDData.RFID.Input.read_values[0] | Coding                      | Binary |  |
| PLC name                             | PLC_1             |                                    |                                    |                             |        |  |
| Settings                             |                   |                                    |                                    |                             |        |  |
| Acquisition cycle                    | 100 ms            | Acquisition mode                   | Cyclic in operation                |                             |        |  |
| Limits                               |                   |                                    |                                    |                             |        |  |
| Maximum                              |                   | Minimum                            |                                    |                             |        |  |
| Linear scaling                       |                   |                                    |                                    |                             |        |  |
| Linear scaling                       | Unchecked         | PLC value range end value          | 10                                 | PLC value range start value | 0      |  |
| HMI device value range end value     | 100               | HMI device value range start value | 0                                  |                             |        |  |
| Miscellaneous                        |                   |                                    |                                    |                             |        |  |
| ID tag                               |                   | Start value                        |                                    |                             |        |  |
| Comment                              |                   |                                    |                                    |                             |        |  |
| Comment                              |                   | Source comment                     |                                    |                             |        |  |
| Multiplexing                         |                   |                                    |                                    |                             |        |  |
| Multiplexing                         | Unchecked         | Index tag                          |                                    |                             |        |  |
| i_read_value_1                       |                   |                                    |                                    |                             |        |  |
| General                              |                   |                                    |                                    |                             |        |  |
| Name                                 | i_read_value_1    | Connection                         | HMI_Connection_1                   | Data type                   | Int    |  |
| Array elements                       | 0                 | Length                             | 2                                  | Address                     |        |  |
| Access mode                          | <symbolic access> | PLC tag                            | RFIDData.RFID.Input.read_values[1] | Coding                      | Binary |  |
| PLC name                             | PLC_1             |                                    |                                    |                             |        |  |
| Settings                             |                   |                                    |                                    |                             |        |  |
| Acquisition cycle                    | 100 ms            | Acquisition mode                   | Cyclic in operation                |                             |        |  |
| Limits                               |                   |                                    |                                    |                             |        |  |
| Maximum                              |                   | Minimum                            |                                    |                             |        |  |
| Linear scaling                       |                   |                                    |                                    |                             |        |  |
| Linear scaling                       | Unchecked         | PLC value range end value          | 10                                 | PLC value range start value | 0      |  |
| HMI device value range end value     | 100               | HMI device value range start value | 0                                  |                             |        |  |
| Miscellaneous                        |                   |                                    |                                    |                             |        |  |
| ID tag                               |                   | Start value                        |                                    |                             |        |  |
| Comment                              |                   |                                    |                                    |                             |        |  |
| Comment                              |                   | Source comment                     |                                    |                             |        |  |
| Multiplexing                         |                   |                                    |                                    |                             |        |  |
| Multiplexing                         | Unchecked         | Index tag                          |                                    |                             |        |  |
| i_read_value_2                       |                   |                                    |                                    |                             |        |  |
| General                              |                   |                                    |                                    |                             |        |  |
| Name                                 | i_read_value_2    | Connection                         | HMI_Connection_1                   | Data type                   | Int    |  |
| Array elements                       | 0                 | Length                             | 2                                  | Address                     |        |  |
| Access mode                          | <symbolic access> | PLC tag                            | RFIDData.RFID.Input.read_values[2] | Coding                      | Binary |  |
| PLC name                             | PLC_1             |                                    |                                    |                             |        |  |
| Settings                             |                   |                                    |                                    |                             |        |  |
| Acquisition cycle                    | 100 ms            | Acquisition mode                   | Cyclic in operation                |                             |        |  |
| Limits                               |                   |                                    |                                    |                             |        |  |
| Maximum                              |                   | Minimum                            |                                    |                             |        |  |
| Linear scaling                       |                   |                                    |                                    |                             |        |  |
| Linear scaling                       | Unchecked         | PLC value range end value          | 10                                 | PLC value range start value | 0      |  |
|                                      |                   |                                    |                                    |                             |        |  |
|                                      |                   |                                    |                                    |                             |        |  |

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| Totally Integrated Automation Portal |  |  |  |  |  |  |
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|                                  |           |                                    |   |  |  |
|----------------------------------|-----------|------------------------------------|---|--|--|
| HMI device value range end value | 100       | HMI device value range start value | 0 |  |  |
| Miscellaneous                    |           |                                    |   |  |  |
| ID tag                           |           | Start value                        |   |  |  |
| Comment                          |           |                                    |   |  |  |
| Comment                          |           | Source comment                     |   |  |  |
| Multiplexing                     |           |                                    |   |  |  |
| Multiplexing                     | Unchecked | Index tag                          |   |  |  |

i\_read\_value\_3

|                                  |                   |                                    |                                    |                             |        |
|----------------------------------|-------------------|------------------------------------|------------------------------------|-----------------------------|--------|
| General                          |                   |                                    |                                    |                             |        |
| Name                             | i_read_value_3    | Connection                         | HMI_Connection_1                   | Data type                   | Int    |
| Array elements                   | 0                 | Length                             | 2                                  | Address                     |        |
| Access mode                      | <symbolic access> | PLC tag                            | RFIDData.RFID.Input.read_values[3] | Coding                      | Binary |
| PLC name                         | PLC_1             |                                    |                                    |                             |        |
| Settings                         |                   |                                    |                                    |                             |        |
| Acquisition cycle                | 100 ms            | Acquisition mode                   | Cyclic in operation                |                             |        |
| Limits                           |                   |                                    |                                    |                             |        |
| Maximum                          |                   | Minimum                            |                                    |                             |        |
| Linear scaling                   |                   |                                    |                                    |                             |        |
| Linear scaling                   | Unchecked         | PLC value range end value          | 10                                 | PLC value range start value | 0      |
| HMI device value range end value | 100               | HMI device value range start value | 0                                  |                             |        |
| Miscellaneous                    |                   |                                    |                                    |                             |        |
| ID tag                           |                   | Start value                        |                                    |                             |        |
| Comment                          |                   |                                    |                                    |                             |        |
| Comment                          |                   | Source comment                     |                                    |                             |        |
| Multiplexing                     |                   |                                    |                                    |                             |        |
| Multiplexing                     | Unchecked         | Index tag                          |                                    |                             |        |

q\_starttr/w

|                                  |                   |                                    |                                  |                             |        |
|----------------------------------|-------------------|------------------------------------|----------------------------------|-----------------------------|--------|
| General                          |                   |                                    |                                  |                             |        |
| Name                             | q_starttr/w       | Connection                         | HMI_Connection_1                 | Data type                   | Bool   |
| Array elements                   | 0                 | Length                             | 1                                | Address                     |        |
| Access mode                      | <symbolic access> | PLC tag                            | RFIDData.RFID.Output."Start_r/w" | Coding                      | Binary |
| PLC name                         | PLC_1             |                                    |                                  |                             |        |
| Settings                         |                   |                                    |                                  |                             |        |
| Acquisition cycle                | 100 ms            | Acquisition mode                   | Cyclic in operation              |                             |        |
| Limits                           |                   |                                    |                                  |                             |        |
| Maximum                          |                   | Minimum                            |                                  |                             |        |
| Linear scaling                   |                   |                                    |                                  |                             |        |
| Linear scaling                   | Unchecked         | PLC value range end value          | 10                               | PLC value range start value | 0      |
| HMI device value range end value | 100               | HMI device value range start value | 0                                |                             |        |
| Miscellaneous                    |                   |                                    |                                  |                             |        |
| ID tag                           |                   | Start value                        |                                  |                             |        |
| Comment                          |                   |                                    |                                  |                             |        |
| Comment                          |                   | Source comment                     |                                  |                             |        |
| Multiplexing                     |                   |                                    |                                  |                             |        |
| Multiplexing                     | Unchecked         | Index tag                          |                                  |                             |        |

q\_deactivate\_antenna

|                                  |                      |                                    |   |                             |        |
|----------------------------------|----------------------|------------------------------------|---|-----------------------------|--------|
| General                          |                      |                                    |   |                             |        |
| Name                             | q_deactivate_antenna | Connection                         | HMI_Connection_1                        | Data type                   | Bool   |
| Array elements                   | 0                    | Length                             | 1                                       | Address                     |        |
| Access mode                      | <symbolic access>    | PLC tag                            | RFIDData.RFID.Output.Deactivate_antenna | Coding                      | Binary |
| PLC name                         | PLC_1                |                                    |   |                             |        |
| Settings                         |                      |                                    |   |                             |        |
| Acquisition cycle                | 100 ms               | Acquisition mode                   | Cyclic in operation                     |                             |        |
| Limits                           |                      |                                    |   |                             |        |
| Maximum                          |                      | Minimum                            |   |                             |        |
| Linear scaling                   |                      |                                    |   |                             |        |
| Linear scaling                   | Unchecked            | PLC value range end value          | 10                                      | PLC value range start value | 0      |
| HMI device value range end value | 100                  | HMI device value range start value | 0                                       |                             |        |
| Miscellaneous                    |                      |                                    |   |                             |        |
| ID tag                           |                      | Start value                        |   |                             |        |
| Comment                          |                      |                                    |   |                             |        |
| Comment                          |                      | Source comment                     |   |                             |        |
| Multiplexing                     |                      |                                    |   |                             |        |
| Multiplexing                     | Unchecked            | Index tag                          |   |                             |        |

q\_command\_value

|                   |                   |                  |                                    |           |        |
|-------------------|-------------------|------------------|------------------------------------|-----------|--------|
| General           |                   |                  |                                    |           |        |
| Name              | q_command_value   | Connection       | HMI_Connection_1                   | Data type | Byte   |
| Array elements    | 0                 | Length           | 1                                  | Address   |        |
| Access mode       | <symbolic access> | PLC tag          | RFIDData.RFID.Output.command_value | Coding    | Binary |
| PLC name          | PLC_1             |                  |                                    |           |        |
| Settings          |                   |                  |                                    |           |        |
| Acquisition cycle | 100 ms            | Acquisition mode | Cyclic in operation                |           |        |
| Limits            |                   |                  |                                    |           |        |
| Maximum           |                   | Minimum          |                                    |           |        |

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| Totally Integrated Automation Portal |  |  |  |  |  |  |
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Linear scaling

|                                  |           |                                    |    |                             |   |
|----------------------------------|-----------|------------------------------------|----|-----------------------------|---|
| Linear scaling                   | Unchecked | PLC value range end value          | 10 | PLC value range start value | 0 |
| HMI device value range end value | 100       | HMI device value range start value | 0  |                             |   |

Miscellaneous

|         |  |                |   |  |  |
|---------|--|----------------|---|--|--|
| ID tag  |  | Start value    |   |  |  |
| Comment |  |                |   |  |  |
| Comment |  | Source comment | 0= read UID, 1=Auto-read, 2=Auto-write, 3=read, 4=write |  |  |

Multiplexing

|              |           |           |  |  |  |
|--------------|-----------|-----------|--|--|--|
| Multiplexing | Unchecked | Index tag |  |  |  |
|--------------|-----------|-----------|--|--|--|

q\_write\_values\_0

General

|                |                   |            |                                      |           |        |
|----------------|-------------------|------------|--------------------------------------|-----------|--------|
| Name           | q_write_values_0  | Connection | HMI_Connection_1                     | Data type | Int    |
| Array elements | 0                 | Length     | 2                                    | Address   |        |
| Access mode    | <symbolic access> | PLC tag    | RFIDData.RFID.Output.write_values[0] | Coding    | Binary |
| PLC name       | PLC_1             |            |                                      |           |        |

Settings

|                   |        |                  |                     |  |  |
|-------------------|--------|------------------|---------------------|--|--|
| Acquisition cycle | 100 ms | Acquisition mode | Cyclic in operation |  |  |
|-------------------|--------|------------------|---------------------|--|--|

Limits

|         |  |         |  |  |  |
|---------|--|---------|--|--|--|
| Maximum |  | Minimum |  |  |  |
|---------|--|---------|--|--|--|

Linear scaling

|                                  |           |                                    |    |                             |   |
|----------------------------------|-----------|------------------------------------|----|-----------------------------|---|
| Linear scaling                   | Unchecked | PLC value range end value          | 10 | PLC value range start value | 0 |
| HMI device value range end value | 100       | HMI device value range start value | 0  |                             |   |

Miscellaneous

|         |  |                |  |  |  |
|---------|--|----------------|--|--|--|
| ID tag  |  | Start value    |  |  |  |
| Comment |  |                |  |  |  |
| Comment |  | Source comment |  |  |  |

Multiplexing

|              |           |           |  |  |  |
|--------------|-----------|-----------|--|--|--|
| Multiplexing | Unchecked | Index tag |  |  |  |
|--------------|-----------|-----------|--|--|--|

q\_write\_values\_1

General

|                |                   |            |                                      |           |        |
|----------------|-------------------|------------|--------------------------------------|-----------|--------|
| Name           | q_write_values_1  | Connection | HMI_Connection_1                     | Data type | Int    |
| Array elements | 0                 | Length     | 2                                    | Address   |        |
| Access mode    | <symbolic access> | PLC tag    | RFIDData.RFID.Output.write_values[1] | Coding    | Binary |
| PLC name       | PLC_1             |            |                                      |           |        |

Settings

|                   |        |                  |                     |  |  |
|-------------------|--------|------------------|---------------------|--|--|
| Acquisition cycle | 100 ms | Acquisition mode | Cyclic in operation |  |  |
|-------------------|--------|------------------|---------------------|--|--|

Limits

|         |  |         |  |  |  |
|---------|--|---------|--|--|--|
| Maximum |  | Minimum |  |  |  |
|---------|--|---------|--|--|--|

Linear scaling

|                                  |           |                                    |    |                             |   |
|----------------------------------|-----------|------------------------------------|----|-----------------------------|---|
| Linear scaling                   | Unchecked | PLC value range end value          | 10 | PLC value range start value | 0 |
| HMI device value range end value | 100       | HMI device value range start value | 0  |                             |   |

Miscellaneous

|         |  |                |  |  |  |
|---------|--|----------------|--|--|--|
| ID tag  |  | Start value    |  |  |  |
| Comment |  |                |  |  |  |
| Comment |  | Source comment |  |  |  |

Multiplexing

|              |           |           |  |  |  |
|--------------|-----------|-----------|--|--|--|
| Multiplexing | Unchecked | Index tag |  |  |  |
|--------------|-----------|-----------|--|--|--|

q\_write\_values\_2

General

|                |                   |            |                                      |           |        |
|----------------|-------------------|------------|--------------------------------------|-----------|--------|
| Name           | q_write_values_2  | Connection | HMI_Connection_1                     | Data type | Int    |
| Array elements | 0                 | Length     | 2                                    | Address   |        |
| Access mode    | <symbolic access> | PLC tag    | RFIDData.RFID.Output.write_values[2] | Coding    | Binary |
| PLC name       | PLC_1             |            |                                      |           |        |

Settings

|                   |        |                  |                     |  |  |
|-------------------|--------|------------------|---------------------|--|--|
| Acquisition cycle | 100 ms | Acquisition mode | Cyclic in operation |  |  |
|-------------------|--------|------------------|---------------------|--|--|

Limits

|         |  |         |  |  |  |
|---------|--|---------|--|--|--|
| Maximum |  | Minimum |  |  |  |
|---------|--|---------|--|--|--|

Linear scaling

|                                  |           |                                    |    |                             |   |
|----------------------------------|-----------|------------------------------------|----|-----------------------------|---|
| Linear scaling                   | Unchecked | PLC value range end value          | 10 | PLC value range start value | 0 |
| HMI device value range end value | 100       | HMI device value range start value | 0  |                             |   |

Miscellaneous

|         |  |                |  |  |  |
|---------|--|----------------|--|--|--|
| ID tag  |  | Start value    |  |  |  |
| Comment |  |                |  |  |  |
| Comment |  | Source comment |  |  |  |

Multiplexing

|              |           |           |  |  |  |
|--------------|-----------|-----------|--|--|--|
| Multiplexing | Unchecked | Index tag |  |  |  |
|--------------|-----------|-----------|--|--|--|

q\_write\_values\_3

General

|                |                   |            |                                      |           |        |
|----------------|-------------------|------------|--------------------------------------|-----------|--------|
| Name           | q_write_values_3  | Connection | HMI_Connection_1                     | Data type | Int    |
| Array elements | 0                 | Length     | 2                                    | Address   |        |
| Access mode    | <symbolic access> | PLC tag    | RFIDData.RFID.Output.write_values[3] | Coding    | Binary |
| PLC name       | PLC_1             |            |                                      |           |        |

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| Totally Integrated Automation Portal |           |                                    |                     |                             |   |  |
| <b>Settings</b>                      |           |                                    |                     |                             |   |  |
| Acquisition cycle                    | 100 ms    | Acquisition mode                   | Cyclic in operation |                             |   |  |
| <b>Limits</b>                        |           |                                    |                     |                             |   |  |
| Maximum                              |           | Minimum                            |                     |                             |   |  |
| <b>Linear scaling</b>                |           |                                    |                     |                             |   |  |
| Linear scaling                       | Unchecked | PLC value range end value          | 10                  | PLC value range start value | 0 |  |
| HMI device value range end value     | 100       | HMI device value range start value | 0                   |                             |   |  |
| <b>Miscellaneous</b>                 |           |                                    |                     |                             |   |  |
| ID tag                               |           | Start value                        |                     |                             |   |  |
| <b>Comment</b>                       |           |                                    |                     |                             |   |  |
| Comment                              |           | Source comment                     |                     |                             |   |  |
| <b>Multiplexing</b>                  |           |                                    |                     |                             |   |  |
| Multiplexing                         | Unchecked | Index tag                          |                     |                             |   |  |
|                                      |           |                                    |                     |                             |   |  |

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| Totally Integrated Automation Portal |  |  |
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Task1 / HMI\_2 [KTP400 Basic PN]

Connections

HMI\_Connection\_1

|        |   |                               |                   |         |       |
|--------|---|-------------------------------|-------------------|---------|-------|
| Name   | HMI_Connection_1                                | Communication driver          | SIMATIC S7 1200   | Comment |       |
| Online | Checked   | Station                       | S7-1200 station_1 | Partner | PLC_1 |
| Node   | CPU 1212C AC/DC/Rly, PROFINET interface (R0/S1) | HMI time synchronization mode | None              |         |       |

Parameter

|            |               |         |               |              |          |
|------------|---------------|---------|---------------|--------------|----------|
| HMI device |               |         |               |              |          |
| Interface  | PROFINET (X1) | Address | 192.168.1.101 | Access point | S7ONLINE |
| PLC        |               |         |               |              |          |
| Address    | 192.168.1.100 |         |               |              |          |

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| Totally Integrated Automation Portal  |  |  |
| <div>Task1 / HMI_2 [KTP400 Basic PN] / HMI alarms</div> <div>Discrete alarms</div> <div>This folder is empty.</div> |  |  |
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| Totally Integrated Automation Portal  |  |  |
| <div>Task1 / HMI_2 [KTP400 Basic PN] / HMI alarms</div> <div>Analog alarms</div> <div>This folder is empty.</div> |  |  |
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| Totally Integrated Automation Portal |  |  |
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Task1 / HMI\_2 [KTP400 Basic PN] / HMI alarms

Alarm groups

Alarm\_group\_1

| General |               |    |   |
|---------|---------------|----|---|
| Name    | Alarm_group_1 | ID | 1 |

Alarm\_group\_10

| General |                |    |    |
|---------|----------------|----|----|
| Name    | Alarm_group_10 | ID | 10 |

Alarm\_group\_11

| General |                |    |    |
|---------|----------------|----|----|
| Name    | Alarm_group_11 | ID | 11 |

Alarm\_group\_12

| General |                |    |    |
|---------|----------------|----|----|
| Name    | Alarm_group_12 | ID | 12 |

Alarm\_group\_13

| General |                |    |    |
|---------|----------------|----|----|
| Name    | Alarm_group_13 | ID | 13 |

Alarm\_group\_14

| General |                |    |    |
|---------|----------------|----|----|
| Name    | Alarm_group_14 | ID | 14 |

Alarm\_group\_15

| General |                |    |    |
|---------|----------------|----|----|
| Name    | Alarm_group_15 | ID | 15 |

Alarm\_group\_16

| General |                |    |    |
|---------|----------------|----|----|
| Name    | Alarm_group_16 | ID | 16 |

Alarm\_group\_2

| General |               |    |   |
|---------|---------------|----|---|
| Name    | Alarm_group_2 | ID | 2 |

Alarm\_group\_3

| General |               |    |   |
|---------|---------------|----|---|
| Name    | Alarm_group_3 | ID | 3 |

Alarm\_group\_4

| General |               |    |   |
|---------|---------------|----|---|
| Name    | Alarm_group_4 | ID | 4 |

Alarm\_group\_5

| General |               |    |   |
|---------|---------------|----|---|
| Name    | Alarm_group_5 | ID | 5 |

Alarm\_group\_6

| General |               |    |   |
|---------|---------------|----|---|
| Name    | Alarm_group_6 | ID | 6 |

Alarm\_group\_7

| General |               |    |   |
|---------|---------------|----|---|
| Name    | Alarm_group_7 | ID | 7 |

Alarm\_group\_8

| General |               |    |   |
|---------|---------------|----|---|
| Name    | Alarm_group_8 | ID | 8 |

Alarm\_group\_9

| General |               |    |   |
|---------|---------------|----|---|
| Name    | Alarm_group_9 | ID | 9 |

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| Totally Integrated Automation Portal |  |  |
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Task1 / HMI\_2 [KTP400 Basic PN] / HMI alarms

Alarm classes

Acknowledgement

|                                      |   |                         |           |  |               |
|--------------------------------------|---|-------------------------|-----------|--|---------------|
| General                              |   |                         |           |  |               |
| Name                                 | Acknowledgement                         | Display name            | A         | ID   | 33            |
| Common alarm class                   | Acknowledgement                         | Alarm log               | <No log>  |  |               |
| Acknowledgment                       |   |                         |           |  |               |
| State machine                        | Alarm with single-mode acknowl- edgment |                         |           |  |               |
| State texts                          |   |                         |           |  |               |
| Text for "Incoming"                  | I                                       | Text for "Outgoing"     | O         | Text for "Acknowl- edged"                      | A             |
| Colors                               |   |                         |           |  |               |
| Background "Incom- ing/Acknowledged" | 255, 255, 255                           | Background "Incom- ing" | 255, 0, 0 | Background "Incom- ing/Outgoing/ Acknowledged" | 255, 255, 255 |
| Background "Incom- ing/Outgoing"     | 255, 0, 0                               |                         |           |  |               |

Errors

|                                      |   |                         |           |  |               |
|--------------------------------------|---|-------------------------|-----------|--|---------------|
| General                              |   |                         |           |  |               |
| Name                                 | Errors                                  | Display name            | !         | ID   | 1             |
| Common alarm class                   | <No alarm class>                        | Alarm log               | <No log>  |  |               |
| Acknowledgment                       |   |                         |           |  |               |
| State machine                        | Alarm with single-mode acknowl- edgment |                         |           |  |               |
| State texts                          |   |                         |           |  |               |
| Text for "Incoming"                  | I                                       | Text for "Outgoing"     | O         | Text for "Acknowl- edged"                      | A             |
| Colors                               |   |                         |           |  |               |
| Background "Incom- ing/Acknowledged" | 255, 255, 255                           | Background "Incom- ing" | 255, 0, 0 | Background "Incom- ing/Outgoing/ Acknowledged" | 255, 255, 255 |
| Background "Incom- ing/Outgoing"     | 255, 0, 0                               |                         |           |  |               |

No Acknowledgement

|                                      |                              |                         |           |  |               |
|--------------------------------------|------------------------------|-------------------------|-----------|--|---------------|
| General                              |                              |                         |           |  |               |
| Name                                 | No Acknowledgement           | Display name            | NA        | ID   | 34            |
| Common alarm class                   | No Acknowledgement           | Alarm log               | <No log>  |  |               |
| Acknowledgment                       |                              |                         |           |  |               |
| State machine                        | Alarm without acknowledgment |                         |           |  |               |
| State texts                          |                              |                         |           |  |               |
| Text for "Incoming"                  | I                            | Text for "Outgoing"     | O         | Text for "Acknowl- edged"                      | A             |
| Colors                               |                              |                         |           |  |               |
| Background "Incom- ing/Acknowledged" | 255, 255, 255                | Background "Incom- ing" | 255, 0, 0 | Background "Incom- ing/Outgoing/ Acknowledged" | 255, 255, 255 |
| Background "Incom- ing/Outgoing"     | 255, 0, 0                    |                         |           |  |               |

System

|                                      |                              |                         |               |  |               |
|--------------------------------------|------------------------------|-------------------------|---------------|--|---------------|
| General                              |                              |                         |               |  |               |
| Name                                 | System                       | Display name            | \$            | ID   | 3             |
| Common alarm class                   | <No alarm class>             | Alarm log               | <No log>      |  |               |
| Acknowledgment                       |                              |                         |               |  |               |
| State machine                        | Alarm without acknowledgment |                         |               |  |               |
| State texts                          |                              |                         |               |  |               |
| Text for "Incoming"                  | I                            | Text for "Outgoing"     | O             | Text for "Acknowl- edged"                      | A             |
| Colors                               |                              |                         |               |  |               |
| Background "Incom- ing/Acknowledged" | 255, 255, 255                | Background "Incom- ing" | 255, 255, 255 | Background "Incom- ing/Outgoing/ Acknowledged" | 255, 255, 255 |
| Background "Incom- ing/Outgoing"     | 255, 255, 255                |                         |               |  |               |

Warnings

|                                      |                              |                         |               |  |               |
|--------------------------------------|------------------------------|-------------------------|---------------|--|---------------|
| General                              |                              |                         |               |  |               |
| Name                                 | Warnings                     | Display name            |               | ID   | 2             |
| Common alarm class                   | <No alarm class>             | Alarm log               | <No log>      |  |               |
| Acknowledgment                       |                              |                         |               |  |               |
| State machine                        | Alarm without acknowledgment |                         |               |  |               |
| State texts                          |                              |                         |               |  |               |
| Text for "Incoming"                  | I                            | Text for "Outgoing"     | O             | Text for "Acknowl- edged"                      | A             |
| Colors                               |                              |                         |               |  |               |
| Background "Incom- ing/Acknowledged" | 255, 255, 255                | Background "Incom- ing" | 255, 255, 255 | Background "Incom- ing/Outgoing/ Acknowledged" | 255, 255, 255 |

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| Totally Integrated Automation Portal  |  |  |
| <div>Task1 / HMI_2 [KTP400 Basic PN] / HMI alarms</div> <div>System events</div> <div>This folder is empty.</div> |  |  |
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| Totally Integrated Automation Portal   |  |  |
| <div>Task1 / HMI_2 [KTP400 Basic PN]</div> <div>Recipes</div> <div>This folder is empty.</div> |  |  |
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| Totally Integrated Automation Portal  |  |  |
| <div>Task1 / HMI_2 [KTP400 Basic PN] / Historical data</div> <div>Datalogs</div> <div>This folder is empty.</div> |  |  |
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| Totally Integrated Automation Portal   |  |  |
| <div>Task1 / HMI_2 [KTP400 Basic PN] / Historical data</div> <div>AlarmLogs</div> <div>This folder is empty.</div> |  |  |
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| Totally Integrated Automation Portal   |  |  |
| <div>Task1 / HMI_2 [KTP400 Basic PN]</div> <div>Scheduled tasks</div> <div>This folder is empty.</div> |  |  |
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| Totally Integrated Automation Portal |  |  |
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Task1 / HMI\_2 [KTP400 Basic PN] / Text and graphic lists

Text lists

command\_value

|            |               |            |                 |         |  |
|------------|---------------|------------|-----------------|---------|--|
| Name       | command_value | List range | Value/Range     | Comment |  |
| Value: 0   |               |            |                 |         |  |
| Entry type | Single value  | Text       | Read UID        |         |  |
| Value: 1   |               |            |                 |         |  |
| Entry type | Single value  | Text       | Auto-Read Data  |         |  |
| Value: 2   |               |            |                 |         |  |
| Entry type | Single value  | Text       | Auto-Write Data |         |  |
| Value: 3   |               |            |                 |         |  |
| Entry type | Single value  | Text       | Read Data       |         |  |
| Value: 4   |               |            |                 |         |  |
| Entry type | Single value  | Text       | Write Data      |         |  |

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| Totally Integrated Automation Portal  |  |  |
| <div>Task1 / HMI_2 [KTP400 Basic PN] / Text and graphic lists</div> <div>Graphic lists</div> <div>This folder is empty.</div> |  |  |
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| Totally Integrated Automation Portal |  |  |
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Task1 / HMI\_2 [KTP400 Basic PN] / User administration

User

Administrator

|                  |  |             |   |
|------------------|--|-------------|---|
| General          |  |             |   |
| Name             | Administrator  | Number      | 1 |
| Automatic logoff |  |             |   |
| Automatic logoff | Checked  | Logoff time | 5 |
| Comment          |  |             |   |
| Comment          | The user 'Administrator' is assigned to the 'Administrator' group. |             |   |
| Groups           |  |             |   |
| Groups           | Administrator group;   |             |   |

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Task1 / HMI\_2 [KTP400 Basic PN] / User administration

Groups

Administrator group

|                |  |              |                     |        |   |
|----------------|--|--------------|---------------------|--------|---|
| General        |  |              |                     |        |   |
| Name           | Administrator group  | Display name | Administrator group | Number | 1 |
| Password aging | Unchecked  |              |                     |        |   |
| Comment        |  |              |                     |        |   |
| Comment        | The 'Administrator' group is initially granted all rights. |              |                     |        |   |
| Authorizations |  |              |                     |        |   |
| Authorizations | User administration; Monitor; Operate;                     |              |                     |        |   |

Users

|                |  |              |       |        |   |
|----------------|--|--------------|-------|--------|---|
| General        |  |              |       |        |   |
| Name           | Users  | Display name | Users | Number | 2 |
| Password aging | Unchecked  |              |       |        |   |
| Comment        |  |              |       |        |   |
| Comment        | The 'Users' group is initially granted 'Operating' rights. |              |       |        |   |
| Authorizations |  |              |       |        |   |
| Authorizations | Operate;   |              |       |        |   |

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Task1 / HMI\_2 [KTP400 Basic PN] / User administration

Authorizations

Monitor

|         |                          |               |         |                      |   |
|---------|--------------------------|---------------|---------|----------------------|---|
| General |                          |               |         |                      |   |
| Name    | Monitor                  | Authorization | Monitor | Authorization number | 2 |
| Comment |                          |               |         |                      |   |
| Comment | 'Monitor' authorization. |               |         |                      |   |

Operate

|         |                          |               |         |                      |   |
|---------|--------------------------|---------------|---------|----------------------|---|
| General |                          |               |         |                      |   |
| Name    | Operate                  | Authorization | Operate | Authorization number | 3 |
| Comment |                          |               |         |                      |   |
| Comment | 'Operate' authorization. |               |         |                      |   |

User administration

|         |   |               |                     |                      |   |
|---------|---|---------------|---------------------|----------------------|---|
| General |   |               |                     |                      |   |
| Name    | User administration   | Authorization | User administration | Authorization number | 1 |
| Comment |   |               |                     |                      |   |
| Comment | Authorization 'User administration' for managing users in the user view inrRuntime. |               |                     |                      |   |

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Task1 / Common data

Alarm classes

| Alarm classes      |              |                |
|--------------------|--------------|----------------|
| Name               | Display name | Acknowledgment |
| Acknowledgement    | A            | True           |
| No Acknowledgement | NA           | False          |

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| Totally Integrated Automation Portal |  |  |
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Task1 / Common data

Text lists

SYSTEM\_AlarmServices\_PriorityList

|           |         |    |   |
|-----------|---------|----|---|
| Selection | Decimal | ID | 0 |
| Comment   |         |    |   |

SYSTEM\_AlarmServices\_PriorityList

| Range from | Range to | Entry |
|------------|----------|-------|
| 0          | 0        | 0     |
| 1          | 1        | 1     |
| 2          | 2        | 2     |
| 3          | 3        | 3     |
| 4          | 4        | 4     |
| 5          | 5        | 5     |
| 6          | 6        | 6     |
| 7          | 7        | 7     |
| 8          | 8        | 8     |
| 9          | 9        | 9     |
| 10         | 10       | 10    |
| 11         | 11       | 11    |
| 12         | 12       | 12    |
| 13         | 13       | 13    |
| 14         | 14       | 14    |
| 15         | 15       | 15    |
| 16         | 16       | 16    |

SYSTEM\_AlarmServices\_DisplayClassList

|           |         |    |   |
|-----------|---------|----|---|
| Selection | Decimal | ID | 0 |
| Comment   |         |    |   |

SYSTEM\_AlarmServices\_DisplayClassList

| Range from | Range to | Entry |
|------------|----------|-------|
| 0          | 0        | 0     |
| 1          | 1        | 1     |
| 2          | 2        | 2     |
| 3          | 3        | 3     |
| 4          | 4        | 4     |
| 5          | 5        | 5     |
| 6          | 6        | 6     |
| 7          | 7        | 7     |
| 8          | 8        | 8     |
| 9          | 9        | 9     |
| 10         | 10       | 10    |
| 11         | 11       | 11    |
| 12         | 12       | 12    |
| 13         | 13       | 13    |
| 14         | 14       | 14    |
| 15         | 15       | 15    |
| 16         | 16       | 16    |

SYSTEM\_AlarmServices\_AcknowledgementGroupList

|           |         |    |   |
|-----------|---------|----|---|
| Selection | Decimal | ID | 0 |
| Comment   |         |    |   |

SYSTEM\_AlarmServices\_AcknowledgementGroupList

| Range from | Range to | Entry |
|------------|----------|-------|
| 0          | 0        | 0     |
| 1          | 1        | 1     |
| 2          | 2        | 2     |
| 3          | 3        | 3     |
| 4          | 4        | 4     |
| 5          | 5        | 5     |
| 6          | 6        | 6     |
| 7          | 7        | 7     |
| 8          | 8        | 8     |
| 9          | 9        | 9     |
| 10         | 10       | 10    |
| 11         | 11       | 11    |
| 12         | 12       | 12    |
| 13         | 13       | 13    |
| 14         | 14       | 14    |
| 15         | 15       | 15    |
| 16         | 16       | 16    |

SYSTEM\_AlarmServices\_ProducerList

|           |         |    |   |
|-----------|---------|----|---|
| Selection | Decimal | ID | 0 |
| Comment   |         |    |   |

SYSTEM\_AlarmServices\_ProducerList

| Range from | Range to | Entry                |
|------------|----------|----------------------|
| 0          | 0        | User program         |
| 1          | 1        | Report system errors |
| 2          | 2        | User program         |
| 3          | 3        | User program         |
| 4          | 4        | System diagnostics   |
| 5          | 5        | Motion control       |
| 6          | 6        | Security             |

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| Range from | Range to | Entry     |
|------------|----------|-----------|
| 7          | 7        | SINUMERIK |

| SYSTEM_AlarmServices_TextNameList |         |    |   |
|-----------------------------------|---------|----|---|
| Selection                         | Decimal | ID | 0 |
| Comment                           |         |    |   |

| SYSTEM_AlarmServices_TextNameList |          |                   |
|-----------------------------------|----------|-------------------|
| Range from                        | Range to | Entry             |
| 0                                 | 0        | Info text         |
| 1                                 | 1        | Alarm text        |
| 2                                 | 2        | Additional text 1 |
| 3                                 | 3        | Additional text 2 |
| 4                                 | 4        | Additional text 3 |
| 5                                 | 5        | Additional text 4 |
| 6                                 | 6        | Additional text 5 |
| 7                                 | 7        | Additional text 6 |
| 8                                 | 8        | Additional text 7 |
| 9                                 | 9        | Additional text 8 |
| 10                                | 10       | Additional text 9 |

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| Totally Integrated Automation Portal  |  |  |
| <div>Task1 / Common data</div> <div>Logs</div> <div>This folder is empty.</div> |  |  |
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| Totally Integrated Automation Portal  |  |  |
| <div>Task1 / Common data</div> <div>Styles</div> <div>This folder is empty.</div> |  |  |
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| Totally Integrated Automation Portal |  |  |
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Task1 / Languages & resources

Project languages

Languages

Reference language

English (United States)

Editing language

English (United States)

Other project languages

Empty

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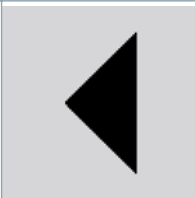











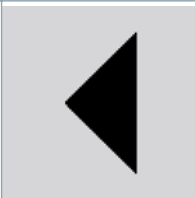











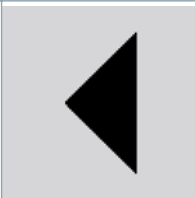




| Totally Integrated Automation Portal   |                            |  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
|--|----------------------------|--|--|-------------------------|----------|-----------|--|------------|--|--|------------|--|--|---------------------|---------------|--|------------|---|---|------------|--|----|------------|---|------------------------------|----------------------------|---|----|------------|--|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|----------------------------|-----------|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|----|-------------------------|--|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|-------------------------|---|---|------------|---|---|------------------|---|---|------------|---|---|------------|---|---|------------|---|---|------------|--|---|------------|---|---|------------|--|-------------------|-------------------------|---|-------------------|-------------------------|---|-------------------|-------------------------|---|-------------------|-------------------------|---|-------------------|-------------------------|---|-------------------|-------------------------|---|-------------------|-------------------------|---|--|--|
| <div>Task1 / Languages &amp; resources / Project texts</div> <div>Project texts</div> <table><tr><th colspan="3">Project texts</th></tr><tr><th>English (United States)</th><th>Category</th><th>Reference</th></tr><tr><td></td><td>Alarm text</td><td>Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Warnings\alarmclass name not set_6\Alarm-ClassData_IDisplayNaming_DisplayName</td></tr><tr><td></td><td>Alarm text</td><td>Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\AlarmClassDa-ta_IDisplayNaming_DisplayName</td></tr><tr><td></td><td>Other text category</td><td>Task1\Comment</td></tr><tr><td></td><td>Alarm text</td><td>Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Acknowledgement\AlarmClassData_IDis-playNaming_DisplayName</td></tr><tr><td>!</td><td>Alarm text</td><td>Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Errors\alarmclass name not set_5\Alarm-ClassData_IDisplayNaming_DisplayName</td></tr><tr><td>!!</td><td>Alarm text</td><td>alarmclass name not set_9\AlarmClassData_IDisplayNaming_DisplayName</td></tr><tr><td>"Main Program Sweep (Cycle)"</td><td>Multilingual text category</td><td>Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Comment</td></tr><tr><td>\$</td><td>Alarm text</td><td>Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\System\alarmclass name not set_7\Alarm-ClassData_IDisplayNaming_DisplayName</td></tr><tr><td>0</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\0\Entry</td></tr><tr><td>0</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_DisplayClassList\0\Entry</td></tr><tr><td>0</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_PriorityList\0\Entry</td></tr><tr><td>0= read UID, 1=Auto-read, 2=Auto-write, 3=read, 4=write</td><td>Multilingual text category</td><td>\Comments</td></tr><tr><td>1</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\1\Entry</td></tr><tr><td>1</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_DisplayClassList\1\Entry</td></tr><tr><td>1</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_PriorityList\1\Entry</td></tr><tr><td>10</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_PriorityList\10\Entry</td></tr><tr><td>10</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\10\Entry</td></tr><tr><td>10</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_DisplayClassList\10\Entry</td></tr><tr><td>11</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\11\Entry</td></tr><tr><td>11</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_DisplayClassList\11\Entry</td></tr><tr><td>11</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_PriorityList\11\Entry</td></tr><tr><td>12</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_PriorityList\12\Entry</td></tr><tr><td>12</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\12\Entry</td></tr><tr><td>12</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_DisplayClassList\12\Entry</td></tr><tr><td>13</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\13\Entry</td></tr><tr><td>13</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_PriorityList\13\Entry</td></tr><tr><td>13</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_DisplayClassList\13\Entry</td></tr><tr><td>14</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_DisplayClassList\14\Entry</td></tr><tr><td>14</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_PriorityList\14\Entry</td></tr><tr><td>14</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\14\Entry</td></tr><tr><td>15</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\15\Entry</td></tr><tr><td>15</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_PriorityList\15\Entry</td></tr><tr><td>15</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_DisplayClassList\15\Entry</td></tr><tr><td>16</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_DisplayClassList\16\Entry</td></tr><tr><td>16</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_PriorityList\16\Entry</td></tr><tr><td>16</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\16\Entry</td></tr><tr><td>2</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_PriorityList\2\Entry</td></tr><tr><td>2</td><td>Text List Text 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List Text Category</td><td>Task1\SYSTEM_AlarmServices_PriorityList\8\Entry</td></tr><tr><td>8</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\8\Entry</td></tr><tr><td>8</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_DisplayClassList\8\Entry</td></tr><tr><td>9</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\9\Entry</td></tr><tr><td>9</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_DisplayClassList\9\Entry</td></tr><tr><td>9</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_PriorityList\9\Entry</td></tr><tr><td>A</td><td>Alarm text</td><td>Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Diagnosis events\Text for "Acknowledged"</td></tr><tr><td>A</td><td>Alarm class text</td><td>Task1\Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName</td></tr><tr><td>A</td><td>Alarm text</td><td>Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\System\Text for "Acknowledged"</td></tr><tr><td>A</td><td>Alarm text</td><td>Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Errors\Text for "Acknowledged"</td></tr><tr><td>A</td><td>Alarm text</td><td>Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Warnings\Text for "Acknowledged"</td></tr><tr><td>A</td><td>Alarm text</td><td>Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Safety warnings\Text for "Acknowledged"</td></tr><tr><td>A</td><td>Alarm text</td><td>Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Acknowledgement\Text for "Acknowl-edged"</td></tr><tr><td>A</td><td>Alarm text</td><td>Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\Text for "Acknowl-edged"</td></tr><tr><td>Additional text 1</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_TextNameList\Additional text 1\Entry</td></tr><tr><td>Additional text 2</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_TextNameList\Additional text 2\Entry</td></tr><tr><td>Additional text 3</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_TextNameList\Additional text 3\Entry</td></tr><tr><td>Additional text 4</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_TextNameList\Additional text 4\Entry</td></tr><tr><td>Additional text 5</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_TextNameList\Additional text 5\Entry</td></tr><tr><td>Additional text 6</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_TextNameList\Additional text 6\Entry</td></tr><tr><td>Additional text 7</td><td>Text List Text Category</td><td>Task1\SYSTEM_AlarmServices_TextNameList\Additional text 7\Entry</td></tr></table> | Project texts              |  |  | English (United States) | Category | Reference |  | Alarm text | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Warnings\alarmclass name not set_6\Alarm-ClassData_IDisplayNaming_DisplayName |  | Alarm text | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\AlarmClassDa-ta_IDisplayNaming_DisplayName |  | Other text category | Task1\Comment |  | Alarm text | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Acknowledgement\AlarmClassData_IDis-playNaming_DisplayName | ! | Alarm text | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Errors\alarmclass name not set_5\Alarm-ClassData_IDisplayNaming_DisplayName | !! | Alarm text | alarmclass name not set_9\AlarmClassData_IDisplayNaming_DisplayName | "Main Program Sweep (Cycle)" | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Comment | \$ | Alarm text | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\System\alarmclass name not set_7\Alarm-ClassData_IDisplayNaming_DisplayName | 0 | Text List Text Category | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\0\Entry | 0 | Text List Text Category | Task1\SYSTEM_AlarmServices_DisplayClassList\0\Entry | 0 | Text List Text Category | Task1\SYSTEM_AlarmServices_PriorityList\0\Entry | 0= read UID, 1=Auto-read, 2=Auto-write, 3=read, 4=write | Multilingual text category | \Comments | 1 | Text List Text Category | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\1\Entry | 1 | Text List Text Category | Task1\SYSTEM_AlarmServices_DisplayClassList\1\Entry | 1 | Text List Text Category | Task1\SYSTEM_AlarmServices_PriorityList\1\Entry | 10 | Text List Text Category | Task1\SYSTEM_AlarmServices_PriorityList\10\Entry | 10 | Text List Text Category | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\10\Entry | 10 | Text List Text Category | Task1\SYSTEM_AlarmServices_DisplayClassList\10\Entry | 11 | Text List Text Category | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\11\Entry | 11 | Text List Text Category | Task1\SYSTEM_AlarmServices_DisplayClassList\11\Entry | 11 | Text List Text Category | Task1\SYSTEM_AlarmServices_PriorityList\11\Entry | 12 | Text List Text Category | Task1\SYSTEM_AlarmServices_PriorityList\12\Entry | 12 | Text List Text Category | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\12\Entry | 12 | Text List Text Category | Task1\SYSTEM_AlarmServices_DisplayClassList\12\Entry | 13 | Text List Text Category | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\13\Entry | 13 | Text List Text Category | Task1\SYSTEM_AlarmServices_PriorityList\13\Entry | 13 | Text List Text Category | Task1\SYSTEM_AlarmServices_DisplayClassList\13\Entry | 14 | Text List Text Category | Task1\SYSTEM_AlarmServices_DisplayClassList\14\Entry | 14 | Text List Text Category | Task1\SYSTEM_AlarmServices_PriorityList\14\Entry | 14 | Text List Text Category | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\14\Entry | 15 | Text List Text Category | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\15\Entry | 15 | Text List Text Category | Task1\SYSTEM_AlarmServices_PriorityList\15\Entry | 15 | Text List Text Category | Task1\SYSTEM_AlarmServices_DisplayClassList\15\Entry | 16 | Text List Text Category | Task1\SYSTEM_AlarmServices_DisplayClassList\16\Entry | 16 | Text List Text Category | Task1\SYSTEM_AlarmServices_PriorityList\16\Entry | 16 | Text List Text Category | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\16\Entry | 2 | Text List Text Category | Task1\SYSTEM_AlarmServices_PriorityList\2\Entry | 2 | Text List Text Category | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\2\Entry | 2 | Text List Text Category | Task1\SYSTEM_AlarmServices_DisplayClassList\2\Entry | 3 | Text List Text Category | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\3\Entry | 3 | Text List Text Category | Task1\SYSTEM_AlarmServices_PriorityList\3\Entry | 3 | Text List Text Category | Task1\SYSTEM_AlarmServices_DisplayClassList\3\Entry | 4 | Text List Text Category | Task1\SYSTEM_AlarmServices_PriorityList\4\Entry | 4 | Text List Text Category | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\4\Entry | 4 | Text List Text Category | Task1\SYSTEM_AlarmServices_DisplayClassList\4\Entry | 5 | Text List Text Category | Task1\SYSTEM_AlarmServices_DisplayClassList\5\Entry | 5 | Text List Text Category | Task1\SYSTEM_AlarmServices_PriorityList\5\Entry | 5 | Text List Text Category | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\5\Entry | 6 | Text List Text Category | Task1\SYSTEM_AlarmServices_PriorityList\6\Entry | 6 | Text List Text Category | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\6\Entry | 6 | Text List Text Category | Task1\SYSTEM_AlarmServices_DisplayClassList\6\Entry | 7 | Text List Text Category | Task1\SYSTEM_AlarmServices_DisplayClassList\7\Entry | 7 | Text List Text Category | Task1\SYSTEM_AlarmServices_PriorityList\7\Entry | 7 | Text List Text Category | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\7\Entry | 8 | Text List Text Category | Task1\SYSTEM_AlarmServices_PriorityList\8\Entry | 8 | Text List Text Category | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\8\Entry | 8 | Text List Text Category | Task1\SYSTEM_AlarmServices_DisplayClassList\8\Entry | 9 | Text List Text Category | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\9\Entry | 9 | Text List Text Category | Task1\SYSTEM_AlarmServices_DisplayClassList\9\Entry | 9 | Text List Text Category | Task1\SYSTEM_AlarmServices_PriorityList\9\Entry | A | Alarm text | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Diagnosis events\Text for "Acknowledged" | A | Alarm class text | Task1\Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName | A | Alarm text | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\System\Text for "Acknowledged" | A | Alarm text | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Errors\Text for "Acknowledged" | A | Alarm text | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Warnings\Text for "Acknowledged" | A | Alarm text | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Safety warnings\Text for "Acknowledged" | A | Alarm text | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Acknowledgement\Text for "Acknowl-edged" | A | Alarm text | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\Text for "Acknowl-edged" | Additional text 1 | Text List Text Category | Task1\SYSTEM_AlarmServices_TextNameList\Additional text 1\Entry | Additional text 2 | Text List Text Category | Task1\SYSTEM_AlarmServices_TextNameList\Additional text 2\Entry | Additional text 3 | Text List Text Category | Task1\SYSTEM_AlarmServices_TextNameList\Additional text 3\Entry | Additional text 4 | Text List Text Category | Task1\SYSTEM_AlarmServices_TextNameList\Additional text 4\Entry | Additional text 5 | Text List Text Category | Task1\SYSTEM_AlarmServices_TextNameList\Additional text 5\Entry | Additional text 6 | Text List Text Category | Task1\SYSTEM_AlarmServices_TextNameList\Additional text 6\Entry | Additional text 7 | Text List Text Category | Task1\SYSTEM_AlarmServices_TextNameList\Additional text 7\Entry |  |  |
| Project texts  |                            |  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| English (United States)  | Category                   | Reference  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
|  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Warnings\alarmclass name not set_6\Alarm-ClassData_IDisplayNaming_DisplayName |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
|  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\AlarmClassDa-ta_IDisplayNaming_DisplayName                 |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
|  | Other text category        | Task1\Comment  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
|  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Acknowledgement\AlarmClassData_IDis-playNaming_DisplayName                    |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| !  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Errors\alarmclass name not set_5\Alarm-ClassData_IDisplayNaming_DisplayName   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| !!   | Alarm text                 | alarmclass name not set_9\AlarmClassData_IDisplayNaming_DisplayName  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| "Main Program Sweep (Cycle)"   | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Comment  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| \$   | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\System\alarmclass name not set_7\Alarm-ClassData_IDisplayNaming_DisplayName   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 0  | Text List Text Category    | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\0\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 0  | Text List Text Category    | Task1\SYSTEM_AlarmServices_DisplayClassList\0\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 0  | Text List Text Category    | Task1\SYSTEM_AlarmServices_PriorityList\0\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 0= read UID, 1=Auto-read, 2=Auto-write, 3=read, 4=write  | Multilingual text category | \Comments  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 1  | Text List Text Category    | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\1\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 1  | Text List Text Category    | Task1\SYSTEM_AlarmServices_DisplayClassList\1\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 1  | Text List Text Category    | Task1\SYSTEM_AlarmServices_PriorityList\1\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 10   | Text List Text Category    | Task1\SYSTEM_AlarmServices_PriorityList\10\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 10   | Text List Text Category    | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\10\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 10   | Text List Text Category    | Task1\SYSTEM_AlarmServices_DisplayClassList\10\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 11   | Text List Text Category    | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\11\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 11   | Text List Text Category    | Task1\SYSTEM_AlarmServices_DisplayClassList\11\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 11   | Text List Text Category    | Task1\SYSTEM_AlarmServices_PriorityList\11\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 12   | Text List Text Category    | Task1\SYSTEM_AlarmServices_PriorityList\12\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 12   | Text List Text Category    | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\12\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 12   | Text List Text Category    | Task1\SYSTEM_AlarmServices_DisplayClassList\12\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 13   | Text List Text Category    | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\13\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 13   | Text List Text Category    | Task1\SYSTEM_AlarmServices_PriorityList\13\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 13   | Text List Text Category    | Task1\SYSTEM_AlarmServices_DisplayClassList\13\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 14   | Text List Text Category    | Task1\SYSTEM_AlarmServices_DisplayClassList\14\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 14   | Text List Text Category    | Task1\SYSTEM_AlarmServices_PriorityList\14\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 14   | Text List Text Category    | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\14\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 15   | Text List Text Category    | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\15\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 15   | Text List Text Category    | Task1\SYSTEM_AlarmServices_PriorityList\15\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 15   | Text List Text Category    | Task1\SYSTEM_AlarmServices_DisplayClassList\15\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 16   | Text List Text Category    | Task1\SYSTEM_AlarmServices_DisplayClassList\16\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 16   | Text List Text Category    | Task1\SYSTEM_AlarmServices_PriorityList\16\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 16   | Text List Text Category    | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\16\Entry   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 2  | Text List Text Category    | Task1\SYSTEM_AlarmServices_PriorityList\2\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 2  | Text List Text Category    | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\2\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 2  | Text List Text Category    | Task1\SYSTEM_AlarmServices_DisplayClassList\2\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 3  | Text List Text Category    | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\3\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 3  | Text List Text Category    | Task1\SYSTEM_AlarmServices_PriorityList\3\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 3  | Text List Text Category    | Task1\SYSTEM_AlarmServices_DisplayClassList\3\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 4  | Text List Text Category    | Task1\SYSTEM_AlarmServices_PriorityList\4\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 4  | Text List Text Category    | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\4\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 4  | Text List Text Category    | Task1\SYSTEM_AlarmServices_DisplayClassList\4\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 5  | Text List Text Category    | Task1\SYSTEM_AlarmServices_DisplayClassList\5\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 5  | Text List Text Category    | Task1\SYSTEM_AlarmServices_PriorityList\5\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 5  | Text List Text Category    | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\5\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 6  | Text List Text Category    | Task1\SYSTEM_AlarmServices_PriorityList\6\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 6  | Text List Text Category    | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\6\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 6  | Text List Text Category    | Task1\SYSTEM_AlarmServices_DisplayClassList\6\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 7  | Text List Text Category    | Task1\SYSTEM_AlarmServices_DisplayClassList\7\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 7  | Text List Text Category    | Task1\SYSTEM_AlarmServices_PriorityList\7\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 7  | Text List Text Category    | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\7\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 8  | Text List Text Category    | Task1\SYSTEM_AlarmServices_PriorityList\8\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 8  | Text List Text Category    | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\8\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 8  | Text List Text Category    | Task1\SYSTEM_AlarmServices_DisplayClassList\8\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 9  | Text List Text Category    | Task1\SYSTEM_AlarmServices_AcknowledgementGroupList\9\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 9  | Text List Text Category    | Task1\SYSTEM_AlarmServices_DisplayClassList\9\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| 9  | Text List Text Category    | Task1\SYSTEM_AlarmServices_PriorityList\9\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| A  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Diagnosis events\Text for "Acknowledged"                                      |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| A  | Alarm class text           | Task1\Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| A  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\System\Text for "Acknowledged"  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| A  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Errors\Text for "Acknowledged"  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| A  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Warnings\Text for "Acknowledged"  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| A  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Safety warnings\Text for "Acknowledged"                                       |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| A  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Acknowledgement\Text for "Acknowl-edged"                                      |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| A  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\Text for "Acknowl-edged"                                   |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| Additional text 1  | Text List Text Category    | Task1\SYSTEM_AlarmServices_TextNameList\Additional text 1\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| Additional text 2  | Text List Text Category    | Task1\SYSTEM_AlarmServices_TextNameList\Additional text 2\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| Additional text 3  | Text List Text Category    | Task1\SYSTEM_AlarmServices_TextNameList\Additional text 3\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| Additional text 4  | Text List Text Category    | Task1\SYSTEM_AlarmServices_TextNameList\Additional text 4\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| Additional text 5  | Text List Text Category    | Task1\SYSTEM_AlarmServices_TextNameList\Additional text 5\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| Additional text 6  | Text List Text Category    | Task1\SYSTEM_AlarmServices_TextNameList\Additional text 6\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |
| Additional text 7  | Text List Text Category    | Task1\SYSTEM_AlarmServices_TextNameList\Additional text 7\Entry  |  |                         |          |           |  |            |  |  |            |  |  |                     |               |  |            |   |   |            |  |    |            |   |                              |                            |   |    |            |  |   |                         |   |   |                         |   |   |                         |   |   |                            |           |   |                         |   |   |                         |   |   |                         |   |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |    |                         |  |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |                         |   |   |            |   |   |                  |   |   |            |   |   |            |   |   |            |   |   |            |  |   |            |   |   |            |  |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |                   |                         |   |  |  |

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| Totally Integrated Automation Portal  |                            |  |
| English (United States)   | Category                   | Reference  |
| Additional text 8   | Text List Text Category    | Task1\SYSTEM_AlarmServices_TextNameList\Additional text 8\Entry                                |
| Additional text 9   | Text List Text Category    | Task1\SYSTEM_AlarmServices_TextNameList\Additional text 9\Entry                                |
| Administrator group   | HMI runtime                | Task1\HMI_2 [KTP400 Basic PN]\User administration\Administrator group\Display name             |
| Alarm text  | Text List Text Category    | Task1\SYSTEM_AlarmServices_TextNameList\Alarm text\Entry                                       |
| Ant. OFF  | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Switch_1\Text OFF                         |
| Ant. ON   | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Switch_1\Text ON                          |
| Antenna status  | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_10\Text                        |
| Authorization 'User administration' for managing users in the user view inrRun-time.        | HMI comment                | Task1\HMI_2 [KTP400 Basic PN]\User administration\User administration\Comment                  |
| Auto-Read Data  | HMI runtime                | Task1\HMI_2 [KTP400 Basic PN]\Text and graphic lists\command_value\Text_list_entry_2\Text      |
| Auto-Write Data   | HMI runtime                | Task1\HMI_2 [KTP400 Basic PN]\Text and graphic lists\command_value\Text_list_entry_3\Text      |
| Command Ack.  | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_7\Text                         |
| Command End   | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_8\Text                         |
| command value   | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\VarLine-Comment         |
| command value   | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\VarLine-Comment         |
| CPU error: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@   | System alarm text          | 4\SDIAG_ALCAT_CPU_ERR_MSG\Alarm text   |
| CPU info: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@  | System alarm text          | 4\SDIAG_ALCAT_CPU_INFO_MSG\Alarm text  |
| CPU internal: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@  | System alarm text          | 4\SDIAG_ALCAT_CPU_INTERN_MSG\Alarm text  |
| CPU maintenance demanded: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@                                | System alarm text          | 4\SDIAG_ALCAT_CPU_MD_MSG\Alarm text  |
| CPU maintenance required: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@                                | System alarm text          | 4\SDIAG_ALCAT_CPU_MR_MSG\Alarm text  |
| CPU mode message: @1W%t#7W@ @5W%t#7W@   | System alarm text          | 4\SDIAG_ALCAT_CPU_OST_MSG\Alarm text   |
| Error (vendor-specific): @1W%t#7W@ HW_ID= @6W%5u@   | System alarm text          | 4\SDIAG_ALCAT_SUBMODUL_MAN_SPEC\Alarm text   |
| Error: @1W%t#7W@ - @5W%t#7W@ HW_ID= @6W%5u@   | System alarm text          | 4\SDIAG_ALCAT_ESUB_ERR_MSG\Alarm text  |
| Error: @1W%t#7W@ - @5W%t#7W@ HW_ID= @6W%5u@, @8W%t#7W@ chan-nel number @2W%5u@              | System alarm text          | 4\SDIAG_ALCAT_ECH_ERR_MSG\Alarm text   |
| Error: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@   | System alarm text          | 4\SDIAG_ALCAT_RACK_MSG\Alarm text  |
| Error: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@   | System alarm text          | 4\SDIAG_ALCAT_IOSYSTEM_MSG\Alarm text  |
| Error: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@   | System alarm text          | 4\SDIAG_ALCAT_SUBMODUL_MSG\Alarm text  |
| Error: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@   | System alarm text          | 4\SDIAG_ALCAT_MODUL_MSG\Alarm text   |
| Error: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@   | System alarm text          | 4\SDIAG_ALCAT_DEVICE_MSG\Alarm text  |
| Error: @1W%t#7W@ HW_ID= @6W%5u@   | System alarm text          | 4\SDIAG_ALCAT_SUB_ERR_MSG\Alarm text   |
| Error: @1W%t#7W@ HW_ID= @6W%5u@, @8W%t#7W@ channel number @2W%5u@                           | System alarm text          | 4\SDIAG_ALCAT_CH_ERR_MSG\Alarm text  |
| ExitRuntime   | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button\Text ON  |
| ExitRuntime   | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button\Text OFF |
| I   | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Warnings\Text for "Incoming"                          |
| I   | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Diagnosis events\Text for "Incoming"                  |
| I   | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\Text for "Incoming"                |
| I   | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Acknowledgement\Text for "Incoming"                   |
| I   | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Safety warnings\Text for "Incoming"                   |
| I   | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Errors\Text for "Incoming"                            |
| I   | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\System\Text for "Incoming"                            |
| Info text   | Text List Text Category    | Task1\SYSTEM_AlarmServices_TextNameList\Info text\Entry  |
| Info: @1W%t#7W@ HW_ID= @6W%5u@  | System alarm text          | 4\SDIAG_ALCAT_CONFIG_INFO\Alarm text   |
| Info: @1W%t#7W@ HW_ID= @6W%5u@  | System alarm text          | 4\SDIAG_ALCAT_CONFIG_REPORT\Alarm text   |
| IO  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Acknowledgement\Text for "Incoming/Outgoing"          |
| IO  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\System\Text for "Incoming/Outgoing"                   |
| IO  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Diagnosis events\Text for "Incoming/Outgo-ing"        |
| IO  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Errors\Text for "Incoming/Outgoing"                   |
| IO  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\Text for "Incoming/Outgoing"       |
| IO  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Warnings\Text for "Incoming/Outgoing"                 |
| IO  | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Safety warnings\Text for "Incoming/Outgo-ing"         |
| job loop  | Multilingual text category | \Comments  |
| Log of tags with timestamp  | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\RFID\Logic [FB1]\Comment                      |
| Logic for RFID buffer   | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Comment                            |
| Maintenance demanded: @1W%t#7W@ - @5W%t#7W@ HW_ID= @6W%5u@                                  | System alarm text          | 4\SDIAG_ALCAT_ESUB_MD_MSG\Alarm text   |
| Maintenance demanded: @1W%t#7W@ HW_ID= @6W%5u@  | System alarm text          | 4\SDIAG_ALCAT_SUB_MD_MSG\Alarm text  |
| Maintenance demanded:@1W%t#7W@ - @5W%t#7W@ HW_ID= @6W%5u@, @8W%t#7W@ channel number @2W%5u@ | System alarm text          | 4\SDIAG_ALCAT_ECH_MD_MSG\Alarm text  |
| Maintenance demanded:@1W%t#7W@ HW_ID= @6W%5u@, @8W%t#7W@ chan-nel number @2W%5u@            | System alarm text          | 4\SDIAG_ALCAT_CH_MD_MSG\Alarm text   |
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| English (United States)   | Category                   | Reference  |
| Maintenance required: @1W%t#7W@ - @5W%t#7W@ HW_ID= @6W%5u@                                  | System alarm text          | 4\SDIAG_ALCAT_ESUB_MR_MSG\Alarm text   |
| Maintenance required: @1W%t#7W@ HW_ID= @6W%5u@  | System alarm text          | 4\SDIAG_ALCAT_SUB_MR_MSG\Alarm text  |
| Maintenance required:@1W%t#7W@ - @5W%t#7W@ HW_ID= @6W%5u@, @8W%t#7W@ channel number @2W%5u@ | System alarm text          | 4\SDIAG_ALCAT_ECH_MR_MSG\Alarm text  |
| Maintenance required:@1W%t#7W@ HW_ID= @6W%5u@, @8W%t#7W@ chan-<br>nel number @2W%5u@        | System alarm text          | 4\SDIAG_ALCAT_CH_MR_MSG\Alarm text   |
| Monitor   | HMI runtime                | Task1\HMI_2 [KTP400 Basic PN]\User administration\Monitor\Name                                     |
| 'Monitor' authorization.  | HMI comment                | Task1\HMI_2 [KTP400 Basic PN]\User administration\Monitor\Comment                                  |
| Motion control  | Text List Text Category    | Task1\SYSTEM_AlarmServices_ProducerList\SMC\Entry  |
| NA  | Alarm class text           | Task1\No Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName                                 |
| O   | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Errors\Text for "Outgoing"                                |
| O   | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Diagnosis events\Text for "Outgoing"                      |
| O   | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Warnings\Text for "Outgoing"                              |
| O   | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\System\Text for "Outgoing"                                |
| O   | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Acknowledgement\Text for "Outgoing"                       |
| O   | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\Text for "Outgoing"                    |
| O   | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\HMI alarms\Safety warnings\Text for "Outgoing"                       |
| Operate   | HMI runtime                | Task1\HMI_2 [KTP400 Basic PN]\User administration\Operate\Name                                     |
| 'Operate' authorization.  | HMI comment                | Task1\HMI_2 [KTP400 Basic PN]\User administration\Operate\Comment                                  |
| operation command   | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\VarLine-<br>Comment         |
| QGR   | Alarm text                 | Task1\HMI_2 [KTP400 Basic PN]\Runtime settings\HmiAlarmSettingsData\Acknowledg-<br>ment group text |
| Read Data   | HMI runtime                | Task1\HMI_2 [KTP400 Basic PN]\Text and graphic lists\command_value\Text_list_en-<br>try_4\Text     |
| Read UID  | HMI runtime                | Task1\HMI_2 [KTP400 Basic PN]\Text and graphic lists\command_value\Text_list_en-<br>try_1\Text     |
| read value 0  | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\VarLine-<br>Comment         |
| read value 1  | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\VarLine-<br>Comment         |
| read value 2  | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\VarLine-<br>Comment         |
| read value 3  | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\VarLine-<br>Comment         |
| Read value<br>Address 0   | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_2\Text                             |
| Read value<br>Address 1   | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_3\Text                             |
| Read value<br>Address 2   | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_4\Text                             |
| Read value<br>Address 3   | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_5\Text                             |
| Read values from RFID   | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Comment                                |
| Report system errors  | Text List Text Category    | Task1\SYSTEM_AlarmServices_ProducerList\RselEntry  |
| RFID Read operation   | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_1\Text                             |
| RFID Write operation  | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_6\Text                             |
| S7  | Alarm text                 | alarmclass name not set_8\AlarmClassData_IDisplayNaming_DisplayName                                |
| Saving value in buffer DB   | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\RFID\Logic [FB1]\Comment                          |
| Security  | Text List Text Category    | Task1\SYSTEM_AlarmServices_ProducerList\Security\Entry   |
| SINUMERIK   | Text List Text Category    | Task1\SYSTEM_AlarmServices_ProducerList\Sinumerik\Entry  |
| status  | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\VarLine-<br>Comment         |
| Storing values in bufffer   | Multilingual text category | \Comments  |
| Switch  | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Switch_1\Caption text                         |
| System diagnostics  | Text List Text Category    | Task1\SYSTEM_AlarmServices_ProducerList\SysDiag\Entry  |
| Tag Present   | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_9\Text                             |
| Temporary CPU error: @1W%t#7W@ @5W%t#7W@ HW_ID= @6W%5u@                                     | System alarm text          | 4\SDIAG_ALCAT_CPU_TMPERR_MSG\Alarm text  |
| The 'Administrator' group is initially gran-<br>ted all rights.                             | HMI comment                | Task1\HMI_2 [KTP400 Basic PN]\User administration\Administrator group\Comment                      |
| The user 'Administrator' is assigned to the<br>'Administrator' group.                       | HMI comment                | Task1\HMI_2 [KTP400 Basic PN]\User administration\Administrator\Comment                            |
| The 'Users' group is initially granted 'Oper-<br>ating' rights.                             | HMI comment                | Task1\HMI_2 [KTP400 Basic PN]\User administration\Users\Comment                                    |
| timestamp_loop  | Multilingual text category | \Comments  |
| User administration   | HMI runtime                | Task1\HMI_2 [KTP400 Basic PN]\User administration\User administration\Name                         |
| User program  | Text List Text Category    | Task1\SYSTEM_AlarmServices_ProducerList\Iecpl\Entry  |
| User program  | Text List Text Category    | Task1\SYSTEM_AlarmServices_ProducerList\Alarming\Entry   |
| User program  | Text List Text Category    | Task1\SYSTEM_AlarmServices_ProducerList\Simotion\Entry   |
| Users   | HMI runtime                | Task1\HMI_2 [KTP400 Basic PN]\User administration\Users\Display name                               |
| Write Data  | HMI runtime                | Task1\HMI_2 [KTP400 Basic PN]\Text and graphic lists\command_value\Text_list_en-<br>try_5\Text     |
| write value 0   | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\VarLine-<br>Comment         |
| write value 1   | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\VarLine-<br>Comment         |
| write value 2   | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\VarLine-<br>Comment         |
| write value 3   | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Watch and force tables\Watch table_1\VarLine-<br>Comment         |
| Write value<br>Address 0  | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_11\Text                            |
| Write value<br>Address 1  | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_12\Text                            |
| Write value<br>Address 2  | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_13\Text                            |
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| Write value Address 3                | HMI screen                 | Task1\HMI_2 [KTP400 Basic PN]\Screens\Read and write\Text field_14\Text |
| Write Values to RFID                 | Multilingual text category | Task1\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Comment     |
|                                      |                            |   |
|                                      |                            |   |



| Totally Integrated Automation Portal   |   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
|--|---|--|------------------|---------------|---|---|------------------------------------|--|------------|------------|-------------------------------|--|-----------|-----------|------------------|---------------|---|---|------------------------------------|--|------------|------------|-------------------------------|--|-----------|-----------|------------------|---------------|---|---|------------------------------------|--|------------|------------|-------------------------------|--|-----------|-----------|------------------|---------------|---|---|------------------------------------|--|------------|------------|-------------------------------|--|-----------|-----------|------------------|---------------|---|---|------------------------------------|--|------------|------------|-------------------------------|--|-----------|-----------|------------------|---------------|---|---|------------------------------------|--|------------|------------|-------------------------------|--|-----------|-----------|--|--|
| <div>Task1 / Languages &amp; resources</div> <div>Project graphics</div> <div>Down_Arrow</div> <table><tr><th>Standard graphic</th><th>English (USA)</th></tr><tr><td></td><td></td></tr><tr><td colspan="2"><div>▸ <i>Dithering mode</i></div></td></tr><tr><td>Same color</td><td>Same color</td></tr><tr><td colspan="2"><div>▸ <i>Smoothing</i></div></td></tr><tr><td>Unchecked</td><td>Unchecked</td></tr></table> <div>ExitRuntime_KTP400_Basic_PN_TR</div> <table><tr><th>Standard graphic</th><th>English (USA)</th></tr><tr><td></td><td></td></tr><tr><td colspan="2"><div>▸ <i>Dithering mode</i></div></td></tr><tr><td>Same color</td><td>Same color</td></tr><tr><td colspan="2"><div>▸ <i>Smoothing</i></div></td></tr><tr><td>Unchecked</td><td>Unchecked</td></tr></table> <div>Home</div> <table><tr><th>Standard graphic</th><th>English (USA)</th></tr><tr><td></td><td></td></tr><tr><td colspan="2"><div>▸ <i>Dithering mode</i></div></td></tr><tr><td>Same color</td><td>Same color</td></tr><tr><td colspan="2"><div>▸ <i>Smoothing</i></div></td></tr><tr><td>Unchecked</td><td>Unchecked</td></tr></table> <div>Left_Arrow</div> <table><tr><th>Standard graphic</th><th>English (USA)</th></tr><tr><td></td><td></td></tr><tr><td colspan="2"><div>▸ <i>Dithering mode</i></div></td></tr><tr><td>Same color</td><td>Same color</td></tr><tr><td colspan="2"><div>▸ <i>Smoothing</i></div></td></tr><tr><td>Unchecked</td><td>Unchecked</td></tr></table> <div>NavigateHome_KTP400_Basic_PN_TR</div> <table><tr><th>Standard graphic</th><th>English (USA)</th></tr><tr><td></td><td></td></tr><tr><td colspan="2"><div>▸ <i>Dithering mode</i></div></td></tr><tr><td>Same color</td><td>Same color</td></tr><tr><td colspan="2"><div>▸ <i>Smoothing</i></div></td></tr><tr><td>Unchecked</td><td>Unchecked</td></tr></table> <div>Right_Arrow</div> <table><tr><th>Standard graphic</th><th>English (USA)</th></tr><tr><td></td><td></td></tr><tr><td colspan="2"><div>▸ <i>Dithering mode</i></div></td></tr><tr><td>Same color</td><td>Same color</td></tr><tr><td colspan="2"><div>▸ <i>Smoothing</i></div></td></tr><tr><td>Unchecked</td><td>Unchecked</td></tr></table> |   |  | Standard graphic | English (USA) |  |  | <div>▸ <i>Dithering mode</i></div> |  | Same color | Same color | <div>▸ <i>Smoothing</i></div> |  | Unchecked | Unchecked | Standard graphic | English (USA) |  |  | <div>▸ <i>Dithering mode</i></div> |  | Same color | Same color | <div>▸ <i>Smoothing</i></div> |  | Unchecked | Unchecked | Standard graphic | English (USA) |  |  | <div>▸ <i>Dithering mode</i></div> |  | Same color | Same color | <div>▸ <i>Smoothing</i></div> |  | Unchecked | Unchecked | Standard graphic | English (USA) |  |  | <div>▸ <i>Dithering mode</i></div> |  | Same color | Same color | <div>▸ <i>Smoothing</i></div> |  | Unchecked | Unchecked | Standard graphic | English (USA) |  |  | <div>▸ <i>Dithering mode</i></div> |  | Same color | Same color | <div>▸ <i>Smoothing</i></div> |  | Unchecked | Unchecked | Standard graphic | English (USA) |  |  | <div>▸ <i>Dithering mode</i></div> |  | Same color | Same color | <div>▸ <i>Smoothing</i></div> |  | Unchecked | Unchecked |  |  |
| Standard graphic   | English (USA)   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
|   |    |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| <div>▸ <i>Dithering mode</i></div>   |   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| Same color   | Same color  |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| <div>▸ <i>Smoothing</i></div>  |   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| Unchecked  | Unchecked   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| Standard graphic   | English (USA)   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
|   |    |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| <div>▸ <i>Dithering mode</i></div>   |   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| Same color   | Same color  |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| <div>▸ <i>Smoothing</i></div>  |   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| Unchecked  | Unchecked   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| Standard graphic   | English (USA)   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
|   |  |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| <div>▸ <i>Dithering mode</i></div>   |   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| Same color   | Same color  |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| <div>▸ <i>Smoothing</i></div>  |   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| Unchecked  | Unchecked   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| Standard graphic   | English (USA)   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
|   |  |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| <div>▸ <i>Dithering mode</i></div>   |   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| Same color   | Same color  |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| <div>▸ <i>Smoothing</i></div>  |   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| Unchecked  | Unchecked   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| Standard graphic   | English (USA)   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
|   |  |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| <div>▸ <i>Dithering mode</i></div>   |   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| Same color   | Same color  |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| <div>▸ <i>Smoothing</i></div>  |   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| Unchecked  | Unchecked   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| Standard graphic   | English (USA)   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
|   |  |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| <div>▸ <i>Dithering mode</i></div>   |   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| Same color   | Same color  |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| <div>▸ <i>Smoothing</i></div>  |   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |
| Unchecked  | Unchecked   |  |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |                  |               |   |   |                                    |  |            |            |                               |  |           |           |  |  |

|                                      |  |  |
|--------------------------------------|--|--|
| Totally Integrated Automation Portal |  |  |
|--------------------------------------|--|--|

Up\_Arrow

|   |   |
|---|---|
| Standard graphic  | English (USA)   |
|  |  |
| ▶ <i>Dithering mode</i>   |   |
| Same color  | Same color  |
| ▶ <i>Smoothing</i>  |   |
| Unchecked   | Unchecked   |