[3] 1756-MODULE SIM\_I\_O[4] 1756-MODULE AI

```
Controller Emulator_MPC_PMP
  Controller Fault Handler
  Power-Up Handler
Tasks
🕒 parkoviste
  L Kulicky
    kulicky
  Unscheduled
Motion Groups
  Ungrouped Axes
Add-On Instructions
  wentilator
    1 Logic

⊞ zapadky
    1 Logic
Data Types
    User-Defined
    Strings
    Add-On-Defined
       ventilator
       zapadky
    Module-Defined
    101 AB:1756 MODULE DINT 496Bytes:O:0
    101 AB:1756_MODULE_DINT_4Bytes:O:0
    101 AB:1756_MODULE_DINT_500Bytes:I:0
    101 AB:1756 MODULE DINT 8Bytes:I:0
Trends
I/O Configuration
  1756 Backplane, 1756-A17
  [ [2] Emulate 5570 Emulator_MPC_PMP
```

| /  | C:\Users\bpc_pga\Desktop\projekt_jede\kulicky_proj_204437.AC |           |                  |  |
|--|--|-----------|------------------|--|
| Name   | Value  | Data Type | Scope            |  |
| AlarmH1                                      | 0  | BOOL      | Emulator_MPC_PMP |  |
| Signalizace, že No_Balls1 je vět             |  |           |                  |  |
| AliasFor:                                    | Alarms. 1  |           |                  |  |
| Base Tag:<br>Constant                        | Alarms. l<br>No  |           |                  |  |
| External Access:                             | Read/Write   |           |                  |  |
| AlarmH1 - Kulicky/kulicky - #3               |  |           |                  |  |
|  |  |           |                  |  |
| AlarmH2                                      | 1  | BOOL      | Emulator_MPC_PMP |  |
| Signalizace, že No_Balls2 je vě              |  |           |                  |  |
| AliasFor:                                    | Alarms.3   |           |                  |  |
| Base Tag:                                    | Alarms.3   |           |                  |  |
| Constant                                     | No   |           |                  |  |
| External Access:                             | Read/Write   |           |                  |  |
| AlarmH2 - Kulicky/kulicky - #3               | I  |           |                  |  |
| AlarmH3                                      | 1  | BOOL      | Emulator_MPC_PMP |  |
| Signalizace, že No_Balls3 je vě              | tší než 9  |           |                  |  |
| AliasFor:                                    | Alarms.5   |           |                  |  |
| Base Tag:                                    | Alarms.5   |           |                  |  |
| Constant                                     | No   |           |                  |  |
| External Access:                             | Read/Write   |           |                  |  |
| AlarmH3 - Kulicky/kulicky - #3               | 1  |           |                  |  |
| AlarmL1                                      | 0  | BOOL      | Emulator MPC PMP |  |
| Signalizace, že No Balls1 je me              |  | 2002      |                  |  |
| AliasFor:                                    | Alarms.0   |           |                  |  |
| Base Tag:                                    | Alarms.0   |           |                  |  |
| Constant                                     | No   |           |                  |  |
| External Access:                             | Read/Write   |           |                  |  |
| AlarmL1 - Kulicky/kulicky - #31              |  |           |                  |  |
| AlarmL2                                      | 0  | BOOL      | Emulator MPC_PMP |  |
| Signalizace, že No_Balls2 je me              |  | BOOL      |                  |  |
| AliasFor:                                    | Alarms.2   |           |                  |  |
| Base Tag:                                    | Alarms.2   |           |                  |  |
| Constant                                     | No   |           |                  |  |
| External Access:                             | Read/Write   |           |                  |  |
| AlarmL2 - Kulicky/kulicky - #31              |  |           |                  |  |
|  |  |           |                  |  |
| AlarmL3                                      | 0  | BOOL      | Emulator_MPC_PMP |  |
| Signalizace, že No_Balls3 je me<br>AliasFor: |  |           |                  |  |
| Base Tag:                                    | Alarms.4<br>Alarms.4   |           |                  |  |
| Constant                                     | No   |           |                  |  |
| External Access:                             | Read/Write   |           |                  |  |
| AlarmL3 - Kulicky/kulicky - #31              |  |           |                  |  |
| <u> </u>                                     |  |           |                  |  |
| Alarms                                       | 40   | DINT      | Emulator_MPC_PMP |  |
| Constant                                     | No   |           |                  |  |
| External Access:                             | Read/Write   | DOOL      |                  |  |
| Alarms.0                                     | 0  | BOOL      |                  |  |
| AlarmL1 - Kulicky/kulicky - #31              |  | BOOL      |                  |  |
| Alarms.1                                     | 0  | BOOL      |                  |  |
| AlarmH1 - Kulicky/kulicky - #3.<br>Alarms.2  |  | BOOL      |                  |  |
| AlarmL2 - Kulicky/kulicky - #31              | 0  | BOOL      |                  |  |
| Alarms.3                                     | 1  | BOOL      |                  |  |
| AlarmH2 - Kulicky/kulicky - #3               |  | BOOL      |                  |  |
| Alarms.4                                     | 0  | BOOL      |                  |  |
| AlarmL3 - Kulicky/kulicky - #31              |  | <u> </u>  |                  |  |
| Alarms.5                                     | 1  | BOOL      |                  |  |
| AlarmH3 - Kulicky/kulicky - #3               |  |           |                  |  |
| •  |  |           |                  |  |

1 **BOOL** bad rozsah any Kulicky Read/Write **External Access:** bad rozsah any - Kulicky/kulicky - #51, #99, \*#31 **BOOL** BCD L0 Emulator MPC PMP BCD levý válec AliasFor: BCDX.0 Base Tag: BCDX.0 Constant No External Access: Read/Write BCDX - Kulicky/kulicky - #107, #108, \*#108, \*#30 BCD L1 0 **BOOL** Emulator\_MPC\_PMP BCD levý válec AliasFor: BCDX.1 Base Tag: BCDX.1 Constant No Read/Write External Access: BCDX - Kulicky/kulicky - #107, #108, \*#108, \*#30 BCD L2 0 **BOOL** Emulator MPC PMP BCD levý válec AliasFor: BCDX.2 Base Tag: BCDX.2 Constant No External Access: Read/Write BCDX - Kulicky/kulicky - #107, #108, \*#108, \*#30 BCD L3 0 **BOOL** Emulator MPC PMP BCD levý válec AliasFor: BCDX.3 Base Tag: BCDX.3 Constant No Read/Write **External Access:** BCDX - Kulicky/kulicky - #107, #108, \*#108, \*#30 BCD M0 **BOOL** Emulator\_MPC\_PMP BCD střední válec AliasFor: BCDX.4 Base Tag: BCDX.4 Constant No External Access: Read/Write BCDX - Kulicky/kulicky - #107, #108, \*#108, \*#30 BCD M1 1 BOOL Emulator MPC PMP BCD střední válec AliasFor: BCDX.5 Base Tag: BCDX.5 Constant No **External Access:** Read/Write BCDX - Kulicky/kulicky - #107, #108, \*#108, \*#30 BCD M2 0 **BOOL** Emulator MPC PMP BCD střední válec AliasFor: BCDX.6 Base Tag: BCDX.6 Constant No

**BOOL** 

Read/Write

BCDX.7

BCDX.7

0

BCDX - Kulicky/kulicky - #107, #108, \*#108, \*#30

External Access:

BCD střední válec

BCD M3

AliasFor:

Base Tag:

Emulator MPC PMP

**IMXD** 

BCD M3 (Continued) Constant No Read/Write External Access: BCDX - Kulicky/kulicky - #107, #108, \*#108, \*#30 1 **BOOL** BCD R0 Emulator MPC PMP BCD pravý válec BCDX.8 AliasFor: Base Tag: BCDX.8 Constant No **External Access:** Read/Write BCDX - Kulicky/kulicky - #107, #108, \*#108, \*#30 **BOOL** BCD R1 1 Emulator\_MPC\_PMP BCD pravý válec AliasFor: BCDX.9 Base Tag: BCDX.9 Constant No Read/Write External Access: BCDX - Kulicky/kulicky - #107, #108, \*#108, \*#30 BCD R2 **BOOL** Emulator MPC PMP BCD pravý válec AliasFor: BCDX.10 Base Tag: BCDX.10 Constant No External Access: Read/Write BCDX - Kulicky/kulicky - #107, #108, \*#108, \*#30 BCD R3 0 **BOOL** Emulator MPC PMP BCD pravý válec AliasFor: BCDX.11 Base Tag: BCDX.11 Constant No Read/Write External Access: BCDX - Kulicky/kulicky - #107, #108, \*#108, \*#30 **BCDX** 801 DINT Emulator MPC PMP Hodnoty BCD External Access: Read/Write BCDX - Kulicky/kulicky - #107, #108, \*#108, \*#30 C LED **BOOL** Emulator MPC PMP NEPOUŽÍVAT!!! AliasFor: SIM Outputs Data.0 Local:3:O.Data[0].0 Base Tag: Constant No Read/Write External Access: C LED - Kulicky/kulicky - \*#104, \*#126, \*#166, \*#36 cidla ok **BOOL** Kulicky External Access: Read/Write cidla\_ok - Kulicky/kulicky - #18, #51, #99, \*#17 DINT Kulicky External Access: Read/Write #66, #67, #69, #69, #70, #70, #71, \*#10, \*#105, \*#114, \*#138, \*#144, \*#57, \*#63 DINT Kulicky kulicek celkem Read/Write External Access: kulicek celkem - Kulicky/kulicky - #143, #62, \*#142, \*#61

BOOL[32]

Kulicky

C:\Users\bpc pga\Desktop\projekt jede\kulicky proj 204437.ACD **IMXD** (Continued) Read/Write External Access: lMXD - Kulicky/kulicky - \*#146, \*#65 **BOOL** IMXD[0] lMXD[0] - Kulicky/kulicky - #159, #80 **BOOL** IMXD[1] lMXD[1] - Kulicky/kulicky - #160, #81 **BOOL** IMXD[2] lMXD[2] - Kulicky/kulicky - #161, #82 BOOL[32] Kulicky **External Access:** Read/Write lMXU - Kulicky/kulicky - \*#145, \*#64 IMXU[0] **BOOL** lMXU[0] - Kulicky/kulicky - #156, #77 **BOOL** IMXU[1] *lMXU[1] - Kulicky/kulicky - #157, #78* IMXU[2] **BOOL** *lMXU[2] - Kulicky/kulicky - #158, #79* Local:3:I AB:1756 MODULE DINT 8Bytes:I:0 Emulator MPC PMP NEPOUŽÍVAT!!! Constant No External Access: Read/Write Local:3:I.Data DINT NEPOUŽÍVAT!!! Local:3:I.Data[0] 0 DINT NEPOUŽÍVAT!!! Local:3:I.Data[1] 917534 DINT NEPOUŽÍVAT!!! Local:3:I.Data[1].0 0 **BOOL** NEPOUŽÍVAT!!! START - Kulicky/kulicky - #48, #51, #96, #99 Local:3:I.Data[1].1 **BOOL** NEPOUŽÍVAT!!! S1 - Kulicky/kulicky - #17 Local:3:I.Data[1].2 1 **BOOL** NEPOUŽÍVAT!!! S2 - Kulicky/kulicky - #17 Local:3:I.Data[1].3 1 **BOOL** NEPOUŽÍVAT!!! S3 - Kulicky/kulicky - #17 Local:3:I.Data[1].4 1 **BOOL** NEPOUŽÍVAT!!! S4 - Kulicky/kulicky - #17 0 Local:3:I.Data[1].16 **BOOL** NEPOUŽÍVAT!!! STOP - Kulicky/kulicky - #111, #119, #135, #162, #51, #96, #99 Local:3:I.Data[1].17 **BOOL** NEPOUŽÍVAT!!! ZH1 - Kulicky/kulicky - #23 Local:3:I.Data[1].18 1 **BOOL** NEPOUŽÍVAT!!! ZH2 - Kulicky/kulicky - #24 Local:3:I.Data[1].19 1 **BOOL** NEPOUŽÍVAT !!! ZH3 - Kulicky/kulicky - #25 Local:3:0 AB:1756 MODULE DINT 4Bytes:O:0 Emulator MPC PMP NEPOUŽÍVAT!!! External Access: Read/Write Local:3:O.Data DINT

|   |                            | 1 18 11 3 -3 | J_I J                   |
|---|----------------------------|--------------|-------------------------|
| <b>Local:3:0 (Continued)</b><br>NEPOUŽÍVAT !!!                  |                            |              |                         |
| Local:3:O.Data[0]<br>NEPOUŽÍVAT !!!                             | 0                          | DINT         |                         |
| Local:3:O.Data[0].0<br>NEPOUŽÍVAT !!!                           | 0                          | BOOL         |                         |
| C LED - Kulicky/kulicky - *#104                                 | 1 *#126 *#166 *#36         |              |                         |
| Local:3:O.Data[0].1<br>NEPOUŽÍVAT !!!                           | 0                          | BOOL         |                         |
| M1U - Kulicky/kulicky - *#156, *                                | *#42, *#77, *#90           |              |                         |
| Local:3:O.Data[0].2<br>NEPOUŽÍVAT !!!                           | 0                          | BOOL         |                         |
| M2U - Kulicky/kulicky - *#157, *                                | *#43, *#78, *#91           |              |                         |
| Local:3:O.Data[0].3<br>NEPOUŽÍVAT !!!                           | 0                          | BOOL         |                         |
| M3U - Kulicky/kulicky - *#158, *                                | *#44, *#79, *#92           |              |                         |
| Local:3:O.Data[0].4<br>NEPOUŽÍVAT !!!                           | 0                          | BOOL         |                         |
| Ve1 - Kulicky/kulicky - *#132, *#                               | £168, *#39, *#87           |              |                         |
| Local:3:O.Data[0].5<br>NEPOUŽÍVAT !!!                           | 0                          | BOOL         |                         |
| Ve2 - Kulicky/kulicky - *#133, *#                               |                            |              |                         |
| Local:3:O.Data[0].6<br>NEPOUŽÍVAT !!!                           | 0                          | BOOL         |                         |
| Ve3 - Kulicky/kulicky - *#134, *#                               |                            | D.C.I.       |                         |
| Local:3:O.Data[0].16  NEPOUŽÍVAT !!!                            | 0                          | BOOL         |                         |
| Z_LED - Kulicky/kulicky - *#103                                 |                            | Dool         |                         |
| Local:3:O.Data[0].17  NEPOUŽÍVAT !!!                            | 0                          | BOOL         |                         |
| M1D - Kulicky/kulicky - *#159, *                                |                            | DOOL         |                         |
| Local:3:O.Data[0].18  NEPOUŽÍVAT !!!  M2D Kulislavlaski *#160 * | 0                          | BOOL         |                         |
| M2D - Kulicky/kulicky - *#160, *                                | _                          | DOOL         |                         |
| <b>Local:3:O.Data[0].19</b><br>NEPOUŽÍVAT !!!                   | 0                          | BOOL         |                         |
|   | k#47 *#02 *#05             |              |                         |
| M3D - Kulicky/kulicky - *#161, *                                | ·#4/, ·#82, ·#93           |              |                         |
| M1D   | 0                          | BOOL         | Emulator_MPC_PMP        |
| NEPOUŽÍVAT !!!  | O                          | BOOL         | Ellidatol_IVII C_I IVII |
| AliasFor:   | SIM_Outputs_Data.17        |              |                         |
| Base Tag:   | Local:3:O.Data[0].17       |              |                         |
| Constant  | No                         |              |                         |
| External Access:  | Read/Write                 |              |                         |
| MID - Kulicky/kulicky - *#159, *                                |                            |              |                         |
| 9 9   |                            |              |                         |
| M1U   | 0                          | BOOL         | Emulator MPC PMP        |
| NEPOUŽÍVAT !!!  |                            |              |                         |
| AliasFor:   | SIM_Outputs_Data.1         |              |                         |
| Base Tag:   | Local:3:O.Data[0].1        |              |                         |
| Constant  | No                         |              |                         |
| External Access:  | Read/Write                 |              |                         |
| M1U - Kulicky/kulicky - *#156, *                                | *#42, *#77, *#90           |              |                         |
|   |                            |              |                         |
| M2D   | 0                          | BOOL         | Emulator_MPC_PMP        |
| NEPOUŽÍVAT !!!  | CIM Output- D-t- 10        |              |                         |
| AliasFor:   | SIM_Outputs_Data.18        |              |                         |
| Base Tag:<br>Constant   | Local:3:O.Data[0].18<br>No |              |                         |
| External Access:  | Read/Write                 |              |                         |
| M2D - Kulicky/kulicky - *#160, *                                |                            |              |                         |
| 11112 11woody milesty miles,                                    | ,,,                        |              |                         |
| M2U   | 0                          | BOOL         | Emulator_MPC_PMP        |
| NEPOUŽÍVAT !!!  |                            |              |                         |
|   |                            |              |                         |

odpocet[0] - Kulicky/kulicky - #142, #61

odpocet[1] - Kulicky/kulicky - #142, #61

odpocet[2] - Kulicky/kulicky - #142, #61

odpocet[1]

odpocet[2]

```
Emulator_MPC_PMP (Controller)
```

C:\Users\bpc pga\Desktop\projekt jede\kulicky proj 204437.ACD M2U (Continued) AliasFor: SIM Outputs Data.2 Base Tag: Local:3:O.Data[0].2 Constant Read/Write **External Access:** M2U - Kulicky/kulicky - \*#157, \*#43, \*#78, \*#91 0 **BOOL** M<sub>3</sub>D Emulator MPC PMP NEPOUŽÍVAT!!! AliasFor: SIM Outputs Data.19 Base Tag: Local:3:O.Data[0].19 Constant No Read/Write External Access: M3D - Kulicky/kulicky - \*#161, \*#47, \*#82, \*#95 **BOOL** M<sub>3</sub>U Emulator\_MPC\_PMP NEPOUŽÍVAT!!! AliasFor: SIM Outputs Data.3 Base Tag: Local:3:O.Data[0].3 Constant Read/Write External Access: M3U - Kulicky/kulicky - \*#158, \*#44, \*#79, \*#92 nazev stavu 'STOP' **STRING** Kulicky External Access: Read/Write nazev stavu - Kulicky/kulicky - \*#131, \*#35, \*#86 nazvy stavu STRING[3] Kulicky Constant Yes **External Access:** Read/Write nazvy stavu - Kulicky/kulicky - #131, #35, #86 nic **STRING** Kulicky Constant Yes Read/Write External Access: nic - Kulicky/kulicky - #131, #35, #86 No Balls1 DINT Emulator MPC PMP Počet kuliček, kolik se má odpočítav v levém válci Constant No External Access: Read/Write No Balls1 - Kulicky/kulicky - #30 No Balls2 2 DINT Emulator\_MPC\_PMP Počet kuliček, kolik se má odpočítav v levém válci Constant No External Access: Read/Write No Balls2 - Kulicky/kulicky - #30 No Balls3 3 DINT Emulator MPC PMP Počet kuliček, kolik se má odpočítav v levém válci Constant No External Access: Read/Write No Balls3 - Kulicky/kulicky - #30 odpocet DINT[3] Kulicky External Access: Read/Write odpocet - Kulicky/kulicky - #147, #150, #151, #66, #69, #70, \*#107, \*#151, \*#70 DINT odpocet[0]

DINT

DINT

C:\Users\bpc\_pga\Desktop\projekt\_jede\kulicky\_proj\_204437.ACD

0 **BOOL** odpocet flag Kulicky Read/Write **External Access:** odpocet flag - Kulicky/kulicky - #51, #60, \*#120, \*#75 **BOOL** Kulicky push start Read/Write External Access: push start - Kulicky/kulicky - #51, #99, \*#101, \*#49, \*#53, \*#97 push\_stop **BOOL** Kulicky Read/Write External Access: push stop - Kulicky/kulicky - #119, #162, \*#112, \*#123, \*#136, \*#164 1 **BOOL** Emulator\_MPC\_PMP NEPOUŽÍVAT!!! AliasFor: SIM Iputs Data.1 Base Tag: Local:3:I.Data[1].1 Constant No Read/Write **External Access:** S1 - Kulicky/kulicky - #17 1 **BOOL** Emulator MPC PMP NEPOUŽÍVAT!!! AliasFor: SIM Iputs Data.2 Base Tag: Local:3:I.Data[1].2 Constant No **External Access:** Read/Write S2 - Kulicky/kulicky - #17 **S3** 1 **BOOL** Emulator MPC PMP NEPOUŽÍVAT!!! AliasFor: SIM Iputs Data.3 Base Tag: Local:3:I.Data[1].3 Constant Read/Write **External Access:** S3 - Kulicky/kulicky - #17 1 **BOOL** Emulator\_MPC\_PMP NEPOUŽÍVAT!!! AliasFor: SIM Iputs Data.4 Base Tag: Local:3:I.Data[1].4 Constant No External Access: Read/Write S4 - Kulicky/kulicky - #17 16#000e 001e DINT SIM Iputs Data Emulator MPC PMP Použití simulovaných vstupů AliasFor: Local:3:I.Data[1] Base Tag: Local:3:I.Data[1] Constant No External Access: Read/Write SIM Iputs Data.1 1 **BOOL** Použití simulovaných vstupů S1 - Kulicky/kulicky - #17 SIM Iputs Data.2 1 **BOOL** Použití simulovaných vstupů S2 - Kulicky/kulicky - #17 SIM Iputs Data.3 1 **BOOL** Použití simulovaných vstupů S3 - Kulicky/kulicky - #17 SIM Iputs Data.4 1 **BOOL** Použití simulovaných vstupů S4 - Kulicky/kulicky - #17 SIM Iputs Data.16 0 **BOOL** Použití simulovaných vstupů

SIM Iputs Data (Continued) STOP - Kulicky/kulicky - #111, #119, #135, #162, #51, #96, #99 SIM Iputs Data.17 1 BOOL Použití simulovaných vstupů ZH1 - Kulicky/kulicky - #23 1 **BOOL** SIM Iputs Data.18 Použití simulovaných vstupů ZH2 - Kulicky/kulicky - #24 1 **BOOL** SIM Iputs Data.19 Použití simulovaných vstupů ZH3 - Kulicky/kulicky - #25 16#0000\_0000 DINT SIM\_Outputs\_Data Emulator\_MPC\_PMP Použití simulovaných výstupů Local:3:O.Data[0] AliasFor: Local:3:O.Data[0] Base Tag: Constant No Read/Write External Access: **BOOL** SIM Outputs Data.1 Použití simulovaných výstupů M1U - Kulicky/kulicky - \*#156, \*#42, \*#77, \*#90 SIM Outputs Data.2 **BOOL** Použití simulovaných výstupů *M2U - Kulicky/kulicky - \*#157, \*#43, \*#78, \*#91* SIM Outputs Data.3 0 **BOOL** Použití simulovaných výstupů M3U - Kulicky/kulicky - \*#158, \*#44, \*#79, \*#92 SIM Outputs Data.4 **BOOL** Použití simulovaných výstupů Ve1 - Kulicky/kulicky - \*#132, \*#168, \*#39, \*#87 SIM Outputs Data.5 **BOOL** Použití simulovaných výstupů Ve2 - Kulicky/kulicky - \*#133, \*#169, \*#40, \*#88 **BOOL** SIM Outputs Data.6 Použití simulovaných výstupů Ve3 - Kulicky/kulicky - \*#134, \*#170, \*#41, \*#89 SIM Outputs Data.16 **BOOL** Použití simulovaných výstupů Z LED - Kulicky/kulicky - \*#103, \*#125, \*#167, \*#37, \*#55 SIM Outputs Data.17 **BOOL** Použití simulovaných výstupů M1D - Kulicky/kulicky - \*#159, \*#45, \*#80, \*#93 SIM Outputs Data.18 **BOOL** Použití simulovaných výstupů M2D - Kulicky/kulicky - \*#160, \*#46, \*#81, \*#94 SIM Outputs Data.19 **BOOL** Použití simulovaných výstupů *M3D - Kulicky/kulicky - \*#161, \*#47, \*#82, \*#95* **START BOOL** Emulator MPC PMP IN00 START tlačíto AliasFor: SIM Iputs Data.0 Base Tag: Local:3:I.Data[1].0 Constant No **External Access:** Read/Write START - Kulicky/kulicky - #48, #51, #96, #99 DINT Kulicky stav stav stavového automatu External Access: Read/Write stav - Kulicky/kulicky - #131, #33, #35, #86, \*#100, \*#122, \*#163, \*#20, \*#52 STOP 0 **BOOL** Emulator\_MPC\_PMP IN16 STOP tlačítko

Emulator\_MPC\_PMP (Controller) 2021-04-30 8:26:30 C:\Users\bpc pga\Desktop\projekt jede\kulicky proj 204437.ACD STOP (Continued) AliasFor: SIM Iputs Data.16 Base Tag: Local:3:I.Data[1].16 Constant Read/Write External Access: STOP - Kulicky/kulicky - #111, #119, #135, #162, #51, #96, #99 FBD TIMER[20] Kulicky timer **External Access:** Read/Write timer - Kulicky/kulicky - \*#11 timer[0].TimerEnable **BOOL** timer[0].TimerEnable - Kulicky/kulicky - \*#18 timer[0].PRE DINT 100 timer[0].PRE - Kulicky/kulicky - \*#15 **BOOL** timer[0].DN timer[0].DN - Kulicky/kulicky - #19 **BOOL** Emulator\_MPC\_PMP NEPOUŽÍVAT!!! AliasFor: SIM Outputs Data.4 Base Tag: Local:3:O.Data[0].4 Constant Read/Write External Access: Ve1 - Kulicky/kulicky - \*#132, \*#168, \*#39, \*#87 **BOOL** Emulator MPC PMP NEPOUŽÍVAT!!! AliasFor: SIM Outputs Data.5 Base Tag: Local:3:O.Data[0].5 Constant No Read/Write **External Access:** Ve2 - Kulicky/kulicky - \*#133, \*#169, \*#40, \*#88 **BOOL** Ve3 Emulator MPC PMP NEPOUŽÍVAT!!! AliasFor: SIM Outputs Data.6 Base Tag: Local:3:O.Data[0].6 Constant No External Access: Read/Write Ve3 - Kulicky/kulicky - \*#134, \*#170, \*#41, \*#89 vent chyba 0 **BOOL** Kulicky External Access: Read/Write vent chyba - Kulicky/kulicky - #119, #162, \*#117, \*#141, \*#38 ventilator[3] Kulicky ventilator External Access: Read/Write ventilator - Kulicky/kulicky - \*#115, \*#139, \*#58 ventilator[0] ventilator ventilator[0] - Kulicky/kulicky - \*#23 ventilator[0].EnableIn **BOOL** Enable Input - System Defined Parameter ventilator[0].EnableOut **BOOL** Enable Output - System Defined Parameter ventilator[0].VeX **BOOL** ventilator[0].VeX - Kulicky/kulicky - #132, #87 ventilator[0].chyba **BOOL** ventilator[0].chyba - Kulicky/kulicky - #117, #141 ventilator[1] ventilator ventilator[1] - Kulicky/kulicky - \*#24 ventilator[1].EnableIn **BOOL** Enable Input - System Defined Parameter ventilator[1].EnableOut **BOOL** Enable Output - System Defined Parameter

```
ventilator (Continued)
ventilator[1].VeX
                                                                        BOOL
  ventilator[1].VeX - Kulicky/kulicky - #133, #88
ventilator[1].chyba
                                                                        BOOL
  ventilator[1].chyba - Kulicky/kulicky - #117, #141
ventilator[2]
                                                                        ventilator
  ventilator[2] - Kulicky/kulicky - *#25
ventilator[2].EnableIn
                                                                        BOOL
  Enable Input - System Defined Parameter
ventilator[2].EnableOut
                                                                        BOOL
  Enable Output - System Defined Parameter
ventilator[2].VeX
                                                                        BOOL
  ventilator[2].VeX - Kulicky/kulicky - #134, #89
ventilator[2].chyba
                                                                        BOOL
  ventilator[2].chyba - Kulicky/kulicky - #117, #141
Z LED
                                                                        BOOL
                                                                                                             Emulator_MPC_PMP
  NEPOUŽÍVAT !!!
  AliasFor:
                                   SIM Outputs Data.16
  Base Tag:
                                   Local:3:O.Data[0].16
  Constant
                                   No
  External Access:
                                   Read/Write
  Z LED - Kulicky/kulicky - *#103, *#125, *#167, *#37, *#55
zapadky
                                                                        zapadky[3]
                                                                                                             Kulicky
  External Access:
                                   Read/Write
  zapadky - Kulicky/kulicky - #145, #146, #150, #64, #65, #69, *#106, *#148, *#152, *#67, *#71
zapadky[0]
                                                                        zapadky
 zapadky[0] - Kulicky/kulicky - *#26
zapadky[0].EnableIn
                                                                        BOOL
  Enable Input - System Defined Parameter
zapadky[0].EnableOut
                                                                        BOOL
  Enable Output - System Defined Parameter
zapadky[1]
                                                                        zapadky
  zapadky[1] - Kulicky/kulicky - *#27
zapadky[1].EnableIn
                                                                        BOOL
  Enable Input - System Defined Parameter
zapadky[1].EnableOut
                                                                        BOOL
  Enable Output - System Defined Parameter
zapadky[2]
                                                                        zapadky
  zapadky[2] - Kulicky/kulicky - *#28
zapadky[2].EnableIn
                                                                        BOOL
  Enable Input - System Defined Parameter
zapadky[2].EnableOut
                                                                        BOOL
  Enable Output - System Defined Parameter
                                   1
                                                                        BOOL
                                                                                                             Emulator MPC PMP
ZH1
  NEPOUŽÍVAT!!!
  AliasFor:
                                   SIM Iputs Data.17
  Base Tag:
                                   Local:3:I.Data[1].17
  Constant
                                   No
  External Access:
                                   Read/Write
  ZH1 - Kulicky/kulicky - #23
ZH2
                                   1
                                                                        BOOL
                                                                                                             Emulator MPC PMP
 NEPOUŽÍVAT!!!
  AliasFor:
                                   SIM Iputs Data.18
  Base Tag:
                                   Local:3:I.Data[1].18
  Constant
                                   No
                                   Read/Write
  External Access:
  ZH2 - Kulicky/kulicky - #24
                                   1
                                                                        BOOL
                                                                                                             Emulator MPC PMP
  NEPOUŽÍVAT!!!
```

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ZH3 (Continued)

AliasFor: SIM\_Iputs\_Data.19
Base Tag: Local:3:I.Data[1].19

Constant No

External Access: Read/Write

ZH3 - Kulicky/kulicky - #25

```
1 /**
 2
    * @author Václav Pastušek xpastu02 204437
   * @date 25.4.2021
    * @brief Kuličky
 5
    */
 6
 7 /*
    * @brief definování timerů
 8
 9
   */
10 for i := 0 to 1 do
11
       TONR(timer[i]);
12 end_for;
13
14 //nastavení timerů
15 timer[0].PRE
                    [:=] 100;
                                //doba pro kontrolu čidel
16
17 cidla_ok [:=] S1 and S2 and S3 and S4;
18 timer[0].TimerEnable [:=] not cidla ok;
19 if timer[0].DN then
20
       stav [:=] 0;
21 end_if;
22
23 ventilator(ventilator[0],ZH1);
24 ventilator(ventilator[1],ZH2);
25 ventilator(ventilator[2],ZH3);
26 zapadky(zapadky[0]);
27 zapadky(zapadky[1]);
28 zapadky(zapadky[2]);
29
30 BCDX [:=] No_Balls1 + 16*No_Balls2 + 16*16*No_Balls3;
31 bad rozsah any [:=] AlarmH1 or AlarmH2 or AlarmH3 or AlarmL1 or AlarmL2 or AlarmL3;
32
33 case stav of
34
       0: //stop
35
           CONCAT(nic, nazvy_stavu[stav], nazev_stavu);
36
           C_LED [:=] 0;
37
           Z_LED [:=] 0;
38
           vent_chyba [:=] 0;
39
           Ve1 [:=] 0;
40
           Ve2 [:=] 0;
41
           Ve3 [:=] 0;
42
           M1U [:=] 0;
43
           M2U [:=] 0;
44
           M3U [:=] 0;
           M1D [:=] 0;
45
46
           M2D [:=] 0;
47
           M3D [:=] 0;
           if not START then
48
49
                push_start [:=] 0;
50
           end if;
51
           if START and not STOP and not push_start and cidla_ok and not bad_rozsah_any and not odpocet_flag then
52
                stav [:=] 1;
53
                push start [:=] 1;
54
                //0->1
               Z_LED [:=] 1;
55
56
           end_if;
57
           for i := 0 to 2 do
58
                ventilator[i].enable [:=] 0;
59
           end_for;
```

```
Total number of lines in routine: 176
```

60

```
if odpocet_flag then
 61
                 kulicek_celkem [:=] odpocet[0] + odpocet[1] + odpocet[2];
 62
                 if kulicek celkem > 0 then
                     for i := 0 to 2 do
 63
 64
                         lMXU[i] [:=] zapadky[i].MXU;
 65
                         lMXD[i] [:=] zapadky[i].MXD;
                         if odpocet[i] > 0 then
 66
 67
                             zapadky[i].reset [:=] 0;
 68
                         end if;
                         if odpocet[i] > 0 and zapadky[i].done then
 69
 70
                             odpocet[i] [:=] odpocet[i] - 1;
 71
                             zapadky[i].reset [:=] 1;
 72
                         end_if;
 73
                     end_for;
 74
                 else
 75
                     odpocet_flag [:=] 0;
 76
                 end_if;
 77
                M1U [:=] 1MXU[0];
                M2U [:=] 1MXU[1];
 78
 79
                M3U [:=] 1MXU[2];
                M1D [:=] 1MXD[0];
 80
                M2D [:=] 1MXD[1];
 81
                M3D [:=] 1MXD[2];
 82
            end_if;
 83
 84
        1: //ready
 85
 86
            CONCAT(nic, nazvy_stavu[stav], nazev_stavu);
 87
            Ve1 [:=] ventilator[0].VeX;
            Ve2 [:=] ventilator[1].VeX;
 88
            Ve3 [:=] ventilator[2].VeX;
 89
 90
            M1U [:=] 0;
            M2U [:=] 0;
 91
 92
            M3U [:=] 0;
 93
            M1D [:=] 0;
 94
            M2D [:=] 0;
 95
            M3D [:=] 0;
            if not START and not STOP then
 96
 97
                 push_start [:=] 0;
 98
             end_if;
            if START and not STOP and not push start and cidla ok and not bad rozsah any then
 99
100
                 stav [:=] 2;
101
                 push_start [:=] 1;
102
                 //1->2
                 Z_LED [:=] 1;
103
                 C_LED [:=] 0;
104
105
                 for i := 0 to 2 do
                     zapadky[i].reset [:=] 0;
106
                     odpocet[i] [:=] BCDX and 15;
107
108
                     BCDX [:=] BCDX / 16;
109
                 end for;
110
            end_if;
            if not STOP then
111
112
                 push stop [:=] 0;
            end_if;
113
             for i := 0 to 2 do
114
                 ventilator[i].enable [:=] 1;
115
116
            end_for;
117
             vent chyba [:=] ventilator[0].chyba or ventilator[1].chyba or ventilator[2].chyba;
118
```

kulicky - Structured TextPage 15Emulator\_MPC\_PMP:parkoviste:Kulicky2021-04-30 8:26:36

```
if (STOP and not push_stop) or vent_chyba then
119
120
                 odpocet_flag [:=] 1;
121
122
                 stav [:=] 0;
123
                 push_stop [:=] 1;
124
                 //1->0
125
                 Z_LED [:=] 0;
                 C_LED [:=] 0;
126
            end if;
127
128
129
130
        2: //start
131
            CONCAT(nic, nazvy_stavu[stav], nazev_stavu);
132
            Ve1 [:=] ventilator[0].VeX;
133
            Ve2 [:=] ventilator[1].VeX;
134
            Ve3 [:=] ventilator[2].VeX;
135
            if not STOP then
136
                 push stop [:=] 0;
137
            end if;
138
            for i := 0 to 2 do
139
                 ventilator[i].enable [:=] 1;
140
141
            vent_chyba [:=] ventilator[0].chyba or ventilator[1].chyba or ventilator[2].chyba;
142
            kulicek_celkem [:=] odpocet[0] + odpocet[1] + odpocet[2];
143
            if kulicek celkem > 0 then
                 for i := 0 to 2 do
144
145
                     lMXU[i] [:=] zapadky[i].MXU;
146
                     lMXD[i] [:=] zapadky[i].MXD;
                     if odpocet[i] > 0 then
147
148
                         zapadky[i].reset [:=] 0;
149
                     end if;
                     if odpocet[i] > 0 and zapadky[i].done then
150
151
                         odpocet[i] [:=] odpocet[i] - 1;
152
                         zapadky[i].reset [:=] 1;
153
                     end_if;
154
                 end for;
            end if;
155
156
            M1U [:=] 1MXU[0];
157
            M2U [:=] 1MXU[1];
            M3U [:=] 1MXU[2];
158
            M1D [:=] lMXD[0];
159
            M2D [:=] 1MXD[1];
160
161
            M3D [:=] 1MXD[2];
            if (STOP and not push_stop) or vent_chyba then
162
163
                 stav [:=] 1;
164
                 push_stop [:=] 1;
165
                 //2->1
                C_LED [:=] 1;
166
167
                 Z_LED [:=] 0;
168
                 Ve1 [:=] 0;
169
                Ve2 [:=] 0;
170
                 Ve3 [:=] 0;
171
172
            end_if;
173
```

174 end\_case;

175176

Emulator\_MPC\_PMP Add-On Instruction Signature Listing

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Data Context: ventilator <definition>

Signature Listing

# ventilator v1.0

# Available Languages

📋 Relay Ladder



🛂 Function Block



Structured Text ventilator(ZHX);

#### **Parameters**

| Required | Name       | Data Type  | Usage  | Description |
|----------|------------|------------|--------|-------------|
| X        | ventilator | ventilator | InOut  | _           |
|          | EnableIn   | BOOL       | Input  |             |
|          | EnableOut  | BOOL       | Output |             |
|          | VeX        | BOOL       | Output |             |
| X        | ZHX        | BOOL       | Input  |             |
|          | chyba      | BOOL       | Output |             |
|          | enable     | BOOL       | Input  |             |
|          |            |            |        |             |

### **Extended Description**

## Execution

Condition Description

EnableIn is true

### Revision v1.0 Notes

ventilator Instruction Definition - Parameter Listing

Read/Write

Emulator\_MPC\_PMP:Add-On Instructions:ventilator Data Type Size: 52 byte (s) Data Context: ventilator <definition>

External Access:

ZHX - ventilator/Logic - #5, #9

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| <u>Name</u>                | Default          | Data Type | Scope      |
|----------------------------|------------------|-----------|------------|
| chyba                      | 0                | BOOL      | ventilator |
| Usage:                     | Output Parameter |           |            |
| Required:                  | No               |           |            |
| Visible:                   | No               |           |            |
| External Access:           | Read Only        |           |            |
| chyba - ventilator/Logic - | *#10, *#18       |           |            |
| enable                     | 0                | BOOL      | ventilator |
| Usage:                     | Input Parameter  |           |            |
| Required:                  | No               |           |            |
| Visible:                   | No               |           |            |
| External Access:           | Read/Write       |           |            |
| enable - ventilator/Logic  | - #4             |           |            |
| VeX                        | 0                | BOOL      | ventilator |
| Usage:                     | Output Parameter |           |            |
| Required:                  | No               |           |            |
| Visible:                   | No               |           |            |
| External Access:           | Read/Write       |           |            |
| VeX - ventilator/Logic - * | #12, *#14, *#19  |           |            |
| ZHX                        | 0                | BOOL      | ventilator |
| Usage:                     | Input Parameter  |           |            |
| Required:                  | Yes              |           |            |
| Visible:                   | Yes              |           |            |

ventilator Instruction Definition - Local Tag Listing
Emulator\_MPC\_PMP:Add-On Instructions:ventilator
Data Context: ventilator <definition>

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| Name                                | Default                       | Data Type | Scope      |
|-------------------------------------|-------------------------------|-----------|------------|
| timer_vent                          |                               | FBD_TIMER | ventilator |
| Usage:                              | Local Tag                     |           |            |
| External Access:                    | None                          |           |            |
| timer_vent - ventilator/Logic - *#1 |                               |           |            |
| timer_vent.TimerEnable              | 0                             | BOOL      |            |
| timer_vent.TimerEnable - ventilato  | r/Logic - #5, *#11, *#17, *#6 |           |            |
| timer_vent.PRE                      | 0                             | DINT      |            |
| timer_vent.PRE - ventilator/Logic - | - <b>*</b> #2                 |           |            |
| timer_vent.DN                       | 0                             | BOOL      |            |
| timer_vent.DN - ventilator/Logic -  | #9                            |           |            |

Total number of lines in routine: 20
Data Context: ventilator <definition>

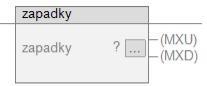
```
1 TONR(timer_vent);
 2 timer_vent.PRE [:=] 5000;
 4 if enable then
       if (not timer_vent.TimerEnable) or (not ZHX) then
           timer_vent.TimerEnable [:=] 1;
 7
       end_if;
 8
 9
       if timer_vent.DN and not ZHX then
           chyba [:=] 1;
10
           timer_vent.TimerEnable [:=] 0;
11
           VeX [:=] 0;
12
13
       else
14
           VeX [:=] 1;
       end_if;
15
16 else
17
       timer_vent.TimerEnable [:=] 0;
       chyba [:=] 0;
18
19
       VeX [:=] 0;
20 end_if;
```

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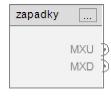


# Available Languages





## 🛂 Function Block



Structured Text zapadky();

### **Parameters**

| Required | Name      | Data Type | Usage  | Description |
|----------|-----------|-----------|--------|-------------|
| X        | zapadky   | zapadky   | InOut  |             |
|          | EnableIn  | BOOL      | Input  |             |
|          | EnableOut | BOOL      | Output |             |
|          | MXU       | BOOL      | Output |             |
|          | MXD       | BOOL      | Output |             |
|          | reset     | BOOL      | Input  |             |
|          | done      | BOOL      | Output |             |
|          | stav      | DINT      | Input  |             |
|          |           |           |        |             |

### **Extended Description**

### Execution

Condition Description

EnableIn is true

### Revision v1.0 Notes

zapadky Instruction Definition - Parameter Listing

stav - zapadky/Logic - #13, #21, #29, #37, #5, \*#13, \*#21, \*#29, \*#37, \*#52

Emulator\_MPC\_PMP:Add-On Instructions:zapadky

Data Type Size: 56 byte (s)
Data Context: zapadky <definition>

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| Name                              | Default                   | Data Type | Scope   |
|-----------------------------------|---------------------------|-----------|---------|
| done                              | 0                         | BOOL      | zapadky |
| Usage:                            | Output Parameter          |           |         |
| Required:                         | No                        |           |         |
| Visible:                          | No                        |           |         |
| External Access:                  | Read/Write                |           |         |
| done - zapadky/Logic - *#45, *#51 |                           |           |         |
| MXD                               | 0                         | BOOL      | zapadky |
| Usage:                            | Output Parameter          |           |         |
| Required:                         | No                        |           |         |
| Visible:                          | Yes                       |           |         |
| External Access:                  | Read Only                 |           |         |
| MXD - zapadky/Logic - *#10, *#18  | 8, *#26, *#34, *#42, *#50 |           |         |
| MXU                               | 0                         | BOOL      | zapadky |
| Usage:                            | Output Parameter          |           |         |
| Required:                         | No                        |           |         |
| Visible:                          | Yes                       |           |         |
| External Access:                  | Read Only                 |           |         |
| MXU - zapadky/Logic - *#17, *#25  | 5, *#33, *#41, *#49, *#9  |           |         |
| reset                             | 0                         | BOOL      | zapadky |
| Usage:                            | Input Parameter           |           | 1 2     |
| Required:                         | No                        |           |         |
| Visible:                          | No                        |           |         |
| External Access:                  | Read/Write                |           |         |
| reset - zapadky/Logic - #4        |                           |           |         |
|                                   |                           |           |         |
| stav                              | 0                         | DINT      | zapadky |
| Usage:                            | Input Parameter           |           |         |
| Required:                         | No                        |           |         |
| Visible:                          | No                        |           |         |
| External Access:                  | Read/Write                |           |         |

zapadky Instruction Definition - Local Tag Listing Emulator\_MPC\_PMP:Add-On Instructions:zapadky

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Data Context: zapadky <definition>

| lame                       | Default                    | Data Type   | Scope   |
|----------------------------|----------------------------|---|---------|
| timer_zapadka              |                            | FBD_TIMER   | zapadky |
| Usage:                     | Local Tag                  |   |         |
| External Access:           | None                       |   |         |
| timer_zapadka - zapadky/Lo | gic - *#1                  |   |         |
| timer_zapadka.TimerEnable  | 0                          | BOOL  |         |
| timer_zapadka.TimerEnable  | - zapadky/Logic - *#12,    | *#16, *#20, *#24, *#28, *#32, *#36, *#40, *#44, *#53, | *#8     |
| timer_zapadka.PRE          | 0                          | DINT  |         |
| timer_zapadka.PRE - zapad  | ky/Logic - *#2             |   |         |
| timer_zapadka.DN           | 0                          | BOOL  |         |
| timer_zapadka.DN - zapadk  | y/Logic - #11, #19, #27, # | <i>‡35, #43</i>                                       |         |

Data Context: zapadky <definition>

```
Total number of lines in routine: 54
   1 TONR(timer_zapadka);
```

```
2 timer_zapadka.PRE [:=] 1000;
 3
 4 if not reset then
       case stav of
               //MXU MXD
 7
           0: // C C
 8
                timer_zapadka.TimerEnable [:=] 1;
 9
               MXU [:=] 0;
               MXD [:=] 0;
10
                if timer zapadka.DN then
11
                    timer_zapadka.TimerEnable [:=] 0;
12
13
                    stav [:=] stav + 1;
14
                end if;
           1: // 0 C
15
                timer_zapadka.TimerEnable [:=] 1;
16
17
               MXU [:=] 1;
               MXD [:=] 0;
18
                if timer_zapadka.DN then
19
20
                    timer zapadka.TimerEnable [:=] 0;
                    stav [:=] stav + 1;
21
                end_if;
22
           2: // C C
23
24
                timer_zapadka.TimerEnable [:=] 1;
25
                    MXU [:=] 0;
                    MXD [:=] 0;
26
27
                if timer_zapadka.DN then
28
                    timer_zapadka.TimerEnable [:=] 0;
                    stav [:=] stav + 1;
29
30
                end_if;
           3: // C 0
31
32
                timer_zapadka.TimerEnable [:=] 1;
33
               MXU [:=] 0;
34
               MXD [:=] 1;
                if timer_zapadka.DN then
35
                    timer zapadka.TimerEnable [:=] 0;
36
                    stav [:=] stav + 1;
37
38
                end_if;
39
           4: // C C
               timer_zapadka.TimerEnable [:=] 1;
40
41
               MXU [:=] 0;
                MXD [:=] 0;
42
                if timer_zapadka.DN then
43
                    timer_zapadka.TimerEnable [:=] 0;
44
                    done [:=] 1;
45
46
                end_if;
       end_case;
47
48 else
       MXU [:=] 0;
49
50
       MXD [:=] 0;
51
       done [:=] 0;
52
       stav [:=] 0;
53
       timer_zapadka.TimerEnable [:=] 0;
54 end_if;
```

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Data type Name: ventilator

Description:

Size: 52 byte(s)

| value      | Data Type   | Style  |
|------------|---|--|
|            | BOOL  | Decimal  |
| meter      |   |  |
| Read Only  |   |  |
|            | BOOL  | Decimal  |
| rameter    |   |  |
| Read Only  |   |  |
|            | BOOL  | Decimal  |
| Read/Write |   |  |
|            | BOOL  | Decimal  |
| Read/Write |   |  |
|            | BOOL  | Decimal  |
| Read Only  |   |  |
|            | BOOL  | Decimal  |
| Read/Write |   |  |
|            | meter Read Only  rameter Read Only  Read/Write  Read/Write  Read Only | meter Read Only  BOOL  rameter Read Only  BOOL  Read/Write  BOOL  Read/Write  BOOL  Read Only  BOOL  Read Only  BOOL |

Data type Name: zapadky

Description:

Size: 56 byte(s)

| Value          | Data Type  | Style   |  |
|----------------|--|---|--|
|                | BOOL   | Decimal   |  |
|                |  |   |  |
| Read Only      |  |   |  |
|                | BOOL   | Decimal   |  |
| ined Parameter |  |   |  |
| Read Only      |  |   |  |
|                | BOOL   | Decimal   |  |
| Read Only      |  |   |  |
|                | BOOL   | Decimal   |  |
| Read Only      |  |   |  |
|                | BOOL   | Decimal   |  |
| Read/Write     |  |   |  |
|                | BOOL   | Decimal   |  |
| Read/Write     |  |   |  |
|                | DINT   | Decimal   |  |
| Read/Write     |  |   |  |
|                | ed Parameter Read Only  ined Parameter Read Only  Read Only  Read Only  Read/Write  Read/Write | BOOL  Read Only  BOOL  BOOL  BOOL  BOOL  BOOL  BOOL  Read Only  BOOL  Read Only  BOOL  Read/Write  BOOL  BOOL | BOOL Decimal  BOOL Decimal |

STRING - Predefined String Type Emulator\_MPC\_PMP (Controller) **Page 27** 2021-04-30 8:26:43

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Data type Name: STRING

Description:

Size: 88 byte(s)

| Name             | Value      | Data Type | Style   |  |
|------------------|------------|-----------|---------|--|
| LEN              |            | DINT      | Decimal |  |
| External Access: | Read/Write |           |         |  |
|                  |            |           |         |  |
| DATA             |            | SINT[82]  | ASCII   |  |
| External Access: | Read/Write |           |         |  |

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Local

1

1756 Backplane, 1756-A17: Local Modules

Local: [2] Emulate 5570 Emulator MPC PMP

Emulate 5570 Studio 5000® Logix

Emulate<sup>TM</sup> Controller

Vendor: Rockwell Automation/Allen-Bradley Vendor ID:

Electronic Keying: Slot: **Exact Match** 31.11 Revision: Status: Running

Parent:

Off Inhibit Flag

🗓 Local: [3] 1756-MODULE SIM\_I\_O

1756-MODULE Generic 1756 Module Type: Parent: Local Vendor: Rockwell Automation/Allen-Bradley Vendor ID:

Electronic Keying: Slot: Disabled Revision: 1.1 Status: Running Inhibit Flag Off Use Unicast: n/a

**Module Defined** Value Data Type **Configuration Tag** 

Local:3:C AB:1756 MODULE:C:0

.Data SINT[400]

🛙 Local: [4] 1756-MODULE AI

1756-MODULE Generic 1756 Module Type: Parent: Local Vendor: Rockwell Automation/Allen-Bradley Vendor ID: 1

Slot: 4 Electronic Keying: Disabled Revision: 1.1 Status: Running Inhibit Flag Off Use Unicast: n/a

**Module Defined** Value Data Type **Configuration Tag** 

Local:4:C AB:1756 MODULE:C:0

.Data SINT[400]

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| Emulator_MPC_PMP                         |    |
|--|----|
| Controller Organizer Listing             | 1  |
| Tag Listing                              | 2  |
| parkoviste                               |    |
| Kulicky                                  |    |
| kulicky                                  |    |
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