# **Project Documentation**

File: FactorIO\_FromAtoB.project

Date: 11/29/2024

Profile: V22.1.1.0

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# Device: M241\_Simul

**Users and Groups** 

Users:

Groups

#### **Access Rights**

View

Modify

**Execute** 

Add/remove children

#### Symbol Rights

#### **Information**

TM241CEC24R Name: Vendor: Schneider Electric Categories: PLCs, M241 4096 Type: ID: 101a 0707 Version: 5.2.11.24 Order number: TM241CEC24R Description: TM241CEC24R

14 digital inputs, 4 transistor source outputs (0.5A), 6 relay outputs (2A), 2 serial line ports, 1 Ethernet port, 1 CANopen port, 100-240 Vac modular controller with removable terminal blocks.



# 1.1 PLC Logic: Plc Logic

### 1.1.1 Application: Application

#### 1.1.1.1 Global Variable List: VariablesFactolO

# 1.1.1.2 Library Manager: Library Manager

```
#loStandard
  Base Interfaces, * (System)
  SysTypes2 Interfaces, * (System)
  CmpErrors2 Interfaces, * (System)
  #CmploMgr Implementation
     CmpErrors2 Interfaces, * (System)
     SysTypes2 Interfaces, * (System)
     CmploMgr Interfaces, * (System)
     Base Interfaces, * (System)
  CmploMgr Interfaces, * (System)
#Standard
#Util
  #Standard
  #SysMem
     SysTypes2 Interfaces, * (System)
  SysTypes2 Interfaces, * (System)
  #CBML
  #SysTimeRtc
     #SysTimeCore
        SysTypes2 Interfaces, * (System)
     SysTypes2 Interfaces, * (System)
  CmpErrors2 Interfaces, * (System)
#SE_PLCSystem
  #SysMem
     SysTypes2 Interfaces, * (System)
  #CAA File
     #CAA Types
        #SysCpuHandling
           #SysMem
             SysTypes2 Interfaces, * (System)
           SysTypes2 Interfaces, * (System)
           CmpErrors2 Interfaces, * (System)
```

```
#CAA Types
     #SysCpuHandling
        #SysMem
          SysTypes2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
        CmpErrors2 Interfaces, * (System)
  #CAA TickUtil
     #CAA Types
        #SysCpuHandling
          #SysMem
             SysTypes2 Interfaces, * (System)
          SysTypes2 Interfaces, * (System)
          CmpErrors2 Interfaces, * (System)
  #CAA Tick
     #CAA Types
        #SysCpuHandling
          #SysMem
             SysTypes2 Interfaces, * (System)
          SysTypes2 Interfaces, * (System)
          CmpErrors2 Interfaces, * (System)
#CAA Async Manager
  #CAA Types
     #SysCpuHandling
        #SysMem
          SysTypes2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
        CmpErrors2 Interfaces, * (System)
  #CAA ResMan
     #CAA Types
        #SysCpuHandling
          #SysMem
             SysTypes2 Interfaces, * (System)
          SysTypes2 Interfaces, * (System)
          CmpErrors2 Interfaces, * (System)
#RSMUtility
  #MemoryBlockManager
     #CAA Callback
        #CAA Types
          #SysCpuHandling
             #SysMem
                SysTypes2 Interfaces, * (System)
             SysTypes2 Interfaces, * (System)
             CmpErrors2 Interfaces, * (System)
        #CAA ResMan
          #CAA Types
             #SysCpuHandling
                #SysMem
                  SysTypes2 Interfaces, * (System)
                SysTypes2 Interfaces, * (System)
                CmpErrors2 Interfaces, * (System)
     #CAA Types
        #SysCpuHandling
          #SysMem
             SysTypes2 Interfaces, * (System)
          SysTypes2 Interfaces, * (System)
          CmpErrors2 Interfaces, * (System)
     #CAA MemBlockMan
```

```
#SysCpuHandling
           #SysMem
             SysTypes2 Interfaces, * (System)
           SysTypes2 Interfaces, * (System)
           CmpErrors2 Interfaces, * (System)
     #CAA Callback
        #CAA Types
           #SysCpuHandling
             #SysMem
                SysTypes2 Interfaces, * (System)
             SysTypes2 Interfaces, * (System)
             CmpErrors2 Interfaces, * (System)
        #CAA ResMan
           #CAA Types
             #SysCpuHandling
                #SysMem
                   SysTypes2 Interfaces, * (System)
                SysTypes2 Interfaces, * (System)
                CmpErrors2 Interfaces, * (System)
     #CAA ResMan
        #CAA Types
           #SysCpuHandling
             #SysMem
                SysTypes2 Interfaces, * (System)
             SysTypes2 Interfaces, * (System)
             CmpErrors2 Interfaces, * (System)
SysTypes2 Interfaces, * (System)
#CmplecTask
  #CmpApp
     SysTypes2 Interfaces, * (System)
     #CmpEventMgr
        CmpEventMgr Interfaces, * (System)
        #CmpEventMgr Implementation
           CmpEventMgr Interfaces, * (System)
           CmpErrors2 Interfaces, * (System)
           SysTypes2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
        CmpErrors2 Interfaces, * (System)
  SysTypes2 Interfaces, * (System)
CmpErrors2 Interfaces, * (System)
#Component Manager
  #CmpEventMgr
     CmpEventMgr Interfaces, * (System)
     #CmpEventMgr Implementation
        CmpEventMgr Interfaces, * (System)
        CmpErrors2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
     SysTypes2 Interfaces, * (System)
CmpErrors2 Interfaces, * (System)
  #CmpApp
     SysTypes2 Interfaces, * (System)
     #CmpEventMgr
        CmpEventMgr Interfaces, * (System)
        #CmpEventMgr Implementation
           CmpEventMgr Interfaces, * (System)
           CmpErrors2 Interfaces, * (System)
           SysTypes2 Interfaces, * (System)
```

```
CmpErrors2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
     #CmpApp
        SysTypes2 Interfaces, * (System)
        #CmpEventMgr
           CmpEventMgr Interfaces. * (System)
           #CmpEventMgr Implementation
             CmpEventMgr Interfaces, * (System)
             CmpErrors2 Interfaces, * (System)
             SysTypes2 Interfaces, * (System)
           SysTypes2 Interfaces, * (System)
           CmpErrors2 Interfaces, * (System)
     #SysEvent
        SysTypes2 Interfaces, * (System)
        CmpErrors2 Interfaces, * (System)
     CmpEventMgr Interfaces, * (System)
     #CmpEventMgr Implementation
        CmpEventMgr Interfaces, * (System)
        CmpErrors2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
     #CmpAsyncMgr
        SysTypes2 Interfaces, * (System)
     #CmpSchedule
        #CmpApp
           SysTypes2 Interfaces, * (System)
           #CmpEventMgr
             CmpEventMgr Interfaces, * (System)
             #CmpEventMgr Implementation
                CmpEventMgr Interfaces. * (System)
                CmpErrors2 Interfaces, * (System)
                SysTypes2 Interfaces, * (System)
             SysTypes2 Interfaces, * (System)
             CmpErrors2 Interfaces, * (System)
        #SysTime
           #SysTimeCore
             SysTypes2 Interfaces, * (System)
           #SysTimeRtc
             #SysTimeCore
                SysTypes2 Interfaces, * (System)
             SysTypes2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
#CAA Memory
#CmpApp
  SysTypes2 Interfaces, * (System)
  #CmpEventMgr
     CmpEventMgr Interfaces, * (System)
     #CmpEventMgr Implementation
        CmpEventMgr Interfaces, * (System)
        CmpErrors2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
     SysTypes2 Interfaces, * (System)
     CmpErrors2 Interfaces, * (System)
#CmpEventMgr
  CmpEventMgr Interfaces, * (System)
  #CmpEventMgr Implementation
     CmpEventMgr Interfaces, * (System)
     CmpErrors2 Interfaces, * (System)
```

```
SysTypes2 Interfaces, * (System)
     CmpErrors2 Interfaces, * (System)
  #CmpErrors
     #SysTypes
  #CAA Types
     #SysCpuHandling
        #SysMem
           SysTypes2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
        CmpErrors2 Interfaces, * (System)
  #SysTimeCore
     SysTypes2 Interfaces, * (System)
  #SysDir
     SysTypes2 Interfaces, * (System)
     CmpErrors2 Interfaces, * (System)
  #Standard
  SysTypes Interfaces, * (System)
#SE PLCCommunication
  #SysMem
     SysTypes2 Interfaces, * (System)
  #Standard
#SE RelocationTable
  #SysMem
     SysTypes2 Interfaces, * (System)
M241 HSC, 1.0.1.0 (Schneider Electric)
M241 PTOPWM, 1.0.1.0 (Schneider Electric)
#CANbusDevice
  #CAA Device Diagnosis
     #CAA Behaviour Model
        #CAA Types
           #SysCpuHandling
             #SysMem
                SysTypes2 Interfaces, * (System)
             SysTypes2 Interfaces, * (System)
             CmpErrors2 Interfaces, * (System)
        #CAA TickUtil
           #CAA Types
             #SysCpuHandling
                #SysMem
                   SysTypes2 Interfaces, * (System)
                SysTypes2 Interfaces, * (System)
                CmpErrors2 Interfaces, * (System)
        #CAA Tick
           #CAA Types
             #SysCpuHandling
                #SysMem
                   SysTypes2 Interfaces, * (System)
                SysTypes2 Interfaces, * (System)
                CmpErrors2 Interfaces, * (System)
     #IoStandard
        Base Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
        CmpErrors2 Interfaces, * (System)
        #CmploMgr Implementation
           CmpErrors2 Interfaces, * (System)
SysTypes2 Interfaces, * (System)
           CmploMgr Interfaces, * (System)
```

```
CmploMgr Interfaces, * (System)
  #CAA Types
     #SysCpuHandling
        #SysMem
           SysTypes2 Interfaces, * (System)
        SvsTvpes2 Interfaces. * (Svstem)
        CmpErrors2 Interfaces, * (System)
  #CmpEventMgr
     CmpEventMgr Interfaces, * (System)
     #CmpEventMgr Implementation
        CmpEventMgr Interfaces, * (System)
        CmpErrors2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
     SysTypes2 Interfaces, * (System)
     CmpErrors2 Interfaces, * (System)
  IoDriver Interfaces, * (System)
  Base Interfaces, * (System)
  CmpErrors2 Interfaces, * (System)
  SysTypes2 Interfaces, * (System)
  #CmpAsyncMgr
     SysTypes2 Interfaces, * (System)
   #CommFB
     #SysMem
        SysTypes2 Interfaces, * (System)
     IoDriver Profibus2 Interfaces, * (System)
#loStandard
  Base Interfaces, * (System)
  SysTypes2 Interfaces, * (System)
  CmpErrors2 Interfaces, * (System)
  #CmploMgr Implementation
     CmpErrors2 Interfaces, * (System)
     SysTypes2 Interfaces, * (System)
     CmploMgr Interfaces, * (System)
     Base Interfaces, * (System)
  CmploMgr Interfaces, * (System)
#SysMem
  SysTypes2 Interfaces, * (System)
#IoDrvBase
  #loStandard
     Base Interfaces, * (System)
     SysTypes2 Interfaces, * (System)
CmpErrors2 Interfaces, * (System)
     #CmploMgr Implementation
        CmpErrors2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
        CmploMgr Interfaces, * (System)
        Base Interfaces, * (System)
     CmploMgr Interfaces, * (System)
   Base Interfaces, * (System)
  IoDriver Interfaces, * (System)
  SysTypes2 Interfaces, * (System)
  CmpErrors2 Interfaces, * (System)
SysTypes2 Interfaces, * (System)
CmpErrors2 Interfaces, * (System)
#IoDriver Utility
  #IoStandard
     Base Interfaces, * (System)
```

```
CmpErrors2 Interfaces, * (System)
      #CmploMgr Implementation
         CmpErrors2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
CmploMgr Interfaces, * (System)
        Base Interfaces, * (System)
      CmploMgr Interfaces, * (System)
#CAA Types
   #SysCpuHandling
     #SysMem
        SysTypes2 Interfaces, * (System)
      SysTypes2 Interfaces, * (System)
     CmpErrors2 Interfaces, * (System)
#SysCpuHandling
   #SysMem
      SysTypes2 Interfaces, * (System)
   SysTypes2 Interfaces, * (System)
CmpErrors2 Interfaces, * (System)
Base Interfaces, * (System)
#Component Manager
   #CmpEventMgr
      CmpEventMgr Interfaces, * (System)
      #CmpEventMgr Implementation
         CmpEventMgr Interfaces, * (System)
         CmpErrors2 Interfaces, * (System)
SysTypes2 Interfaces, * (System)
      SysTypes2 Interfaces, * (System)
      CmpErrors2 Interfaces, * (System)
   #CmpApp
      SysTypes2 Interfaces, * (System)
      #CmpEventMgr
         CmpEventMgr Interfaces, * (System)
        #CmpEventMgr Implementation
            CmpEventMgr Interfaces, * (System)
            CmpErrors2 Interfaces, * (System)
            SysTypes2 Interfaces, * (System)
         SysTypes2 Interfaces, * (System)
         CmpErrors2 Interfaces, * (System)
   SysTypes2 Interfaces, * (System)
#CmpLog
   SysTypes2 Interfaces, * (System)
#Standard
#CAA CanL2
   #CAA Types
      #SysCpuHandling
         #SysMem
            SysTypes2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
CmpErrors2 Interfaces, * (System)
   #CAA Callback
      #CAA Types
         #SysCpuHandling
            #SysMem
               SysTypes2 Interfaces, * (System)
            SysTypes2 Interfaces, * (System)
            CmpErrors2 Interfaces, * (System)
      #CAA ResMan
```

```
#SysCpuHandling
                #SysMem
                   SysTypes2 Interfaces, * (System)
                SysTypes2 Interfaces, * (System)
                CmpErrors2 Interfaces, * (System)
     #CAA CanL2I
        #CAA Types
          #SysCpuHandling
             #SysMem
                SysTypes2 Interfaces, * (System)
             SysTypes2 Interfaces, * (System)
             CmpErrors2 Interfaces, * (System)
     #CAA MemBlockMan
        #CAA Types
           #SysCpuHandling
             #SysMem
                SysTypes2 Interfaces, * (System)
             SysTypes2 Interfaces, * (System)
CmpErrors2 Interfaces, * (System)
        #CAA Callback
           #CAA Types
             #SysCpuHandling
                #SysMem
                   SysTypes2 Interfaces, * (System)
                SysTypes2 Interfaces, * (System)
                CmpErrors2 Interfaces, * (System)
          #CAA ResMan
             #CAA Types
                #SysCpuHandling
                   #SysMem
                      SysTypes2 Interfaces, * (System)
                   SysTypes2 Interfaces, * (System)
                   CmpErrors2 Interfaces, * (System)
        #CAA ResMan
           #CAA Types
             #SysCpuHandling
                #SysMem
                   SysTypes2 Interfaces, * (System)
                SysTypes2 Interfaces, * (System)
                CmpErrors2 Interfaces, * (System)
     #CAA ResMan
        #CAA Types
          #SysCpuHandling
             #SysMem
                SysTypes2 Interfaces, * (System)
             SysTypes2 Interfaces, * (System)
             CmpErrors2 Interfaces, * (System)
#BreakpointLogging
  #CmpLog
     SysTypes2 Interfaces, * (System)
  SysTypes2 Interfaces, * (System)
#lecVarAccess
  #Component Manager
     #CmpEventMgr
        CmpEventMgr Interfaces, * (System)
        #CmpEventMgr Implementation
           CmpEventMgr Interfaces, * (System)
```

```
SysTypes2 Interfaces, * (System)
     SysTypes2 Interfaces, * (System)
     CmpErrors2 Interfaces, * (System)
  #CmpApp
     SysTypes2 Interfaces, * (System)
     #CmpEventMar
        CmpEventMgr Interfaces, * (System)
        #CmpEventMgr Implementation
           CmpEventMgr Interfaces, * (System)
           CmpErrors2 Interfaces, * (System)
SysTypes2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
        CmpErrors2 Interfaces, * (System)
  SysTypes2 Interfaces, * (System)
#SymbolicVarsBase
  #CmpApp
     SysTypes2 Interfaces, * (System)
     #CmpEventMgr
        CmpEventMgr Interfaces, * (System)
        #CmpEventMgr Implementation
           CmpEventMgr Interfaces, * (System)
           CmpErrors2 Interfaces, * (System)
           SysTypes2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
        CmpErrors2 Interfaces, * (System)
  #SysMem
     SysTypes2 Interfaces, * (System)
  Base Interfaces, * (System)
  SysTypes2 Interfaces, * (System)
  CmpErrors2 Interfaces, * (System)
  lecVarAccess3 Interfaces, * (System)
  #StringUtils
     #Standard
     #SysMem
        SysTypes2 Interfaces, * (System)
     #SysTimeRtc
        #SysTimeCore
           SysTypes2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
     CmpErrors2 Interfaces, * (System)
     #Component Manager
        #CmpEventMgr
           CmpEventMgr Interfaces, * (System)
           #CmpEventMgr Implementation
              CmpEventMgr Interfaces, * (System)
              CmpErrors2 Interfaces, * (System)
              SysTypes2 Interfaces, * (System)
           SysTypes2 Interfaces, * (System)
CmpErrors2 Interfaces, * (System)
        #CmpApp
           SysTypes2 Interfaces, * (System)
           #CmpEventMgr
              CmpEventMgr Interfaces, * (System)
              #CmpEventMgr Implementation
                 CmpEventMgr Interfaces, * (System)
                 CmpErrors2 Interfaces, * (System)
                 SysTypes2 Interfaces, * (System)
```

```
CmpErrors2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
  #Component Manager
     #CmpEventMgr
        CmpEventMgr Interfaces, * (System)
        #CmpEventMar Implementation
           CmpEventMgr Interfaces, * (System)
           CmpErrors2 Interfaces, * (System)
           SysTypes2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
        CmpErrors2 Interfaces, * (System)
     #CmpApp
        SysTypes2 Interfaces, * (System)
        #CmpEventMgr
           CmpEventMgr Interfaces, * (System)
           #CmpEventMgr Implementation
              CmpEventMgr Interfaces, * (System)
              CmpErrors2 Interfaces, * (System)
SysTypes2 Interfaces, * (System)
           SysTypes2 Interfaces, * (System)
           CmpErrors2 Interfaces, * (System)
     SysTypes2 Interfaces, * (System)
   Collections Interfaces, * (System)
  #CmplecVarAccess
     CmplecVarAccess Interfaces, * (System)
     #CmplecVarAccess Implementation
        Base Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
        lecVarAccess3 Interfaces, * (System)
        Collections Interfaces, * (System)
        CmplecVarAccess Interfaces, * (System)
  #SysCpuHandling
     #SysMem
        SysTypes2 Interfaces, * (System)
     SysTypes2 Interfaces, * (System)
     CmpErrors2 Interfaces, * (System)
  CmpOPCUAStack Interfaces, * (System)
  CmpUserMgr, 3.5.17.0 (System)
  #CmpEventMgr
     CmpEventMgr Interfaces, * (System)
     #CmpEventMgr Implementation
        CmpEventMgr Interfaces, * (System)
        CmpErrors2 Interfaces, * (System)
        SysTypes2 Interfaces, * (System)
     SysTypes2 Interfaces, * (System)
     CmpErrors2 Interfaces, * (System)
  CmpOPCUAStack, 3.5.17.0 (System)
Base Interfaces, * (System)
SysTypes2 Interfaces, * (System)
CmpErrors2 Interfaces, * (System)
lecVarAccess3 Interfaces, * (System)
Collections Interfaces, * (System)
#CmplecVarAccess
  CmplecVarAccess Interfaces, * (System)
  #CmplecVarAccess Implementation
     Base Interfaces, * (System)
     SysTypes2 Interfaces, * (System)
```

```
Collections Interfaces, * (System)
       CmplecVarAccess Interfaces, * (System)
  CmpOPCUAServer Interfaces, * (System)
  CmpOPCUAStack Interfaces, * (System)
  IecVarAccessOpcUaMetaData Interfaces, * (System)
  CmpUserMgr, 3.5.17.0 (System)
  #Standard
  #CmpLog
     SysTypes2 Interfaces, * (System)
  #CmpApp
     SysTypes2 Interfaces, * (System)
     #CmpEventMgr
       CmpEventMgr Interfaces, * (System)
       #CmpEventMgr Implementation
          CmpEventMgr Interfaces, * (System)
          CmpErrors2 Interfaces, * (System)
          SysTypes2 Interfaces, * (System)
       SysTypes2 Interfaces, * (System)
       CmpErrors2 Interfaces, * (System)
     SysTypes2 Interfaces, * (System)
#lecSfc
  #Standard
#Analyzation
```

### 1.1.1.3 POU: FromAtoB\_LD

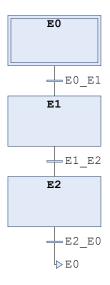
```
1 PROGRAM FromAtoB_LD
2 VAR
3 END_VAR
4
```

```
| VariablesFactoIO.S3_Start VariablesFactoIO.S1_IN VariablesFactoIO.S. | VariablesFactoIO.Forward | VariablesFactoIO.S2_OUT VariablesFactoIO.S1_IN VariablesFactoIO. | VariablesFactoIO.Backward | Var
```

| 2_OUT    | VariablesFactoIO.Forward |
|----------|--------------------------|
| Backward |                          |
|          |                          |

```
| Gestion Voyant (H1_Start) | VariablesFactoIO.Forward | VariablesFactoIO.H1_Start | VariablesFactoIO.Backward | V
```

# 1.1.1.4 POU: FromAtoB\_SFC



# 1.1.1.4.1 Transition: E0\_E1



# 1.1.1.4.2 Transition: E1\_E2



# 1.1.1.4.3 Transition: E2\_E0



### 1.1.1.5 POU: Sorties

FromAtoB\_SFC.E2.x

```
PROGRAM Sorties
1
2
      VAR
3
     END_VAR
4
1
     Forward
     FromAtoB SFC.E1.x
                                                    VariablesFactoIO.Forward
2
     Backward
     FromAtoB SFC.E2.x
                                                   VariablesFactoIO.Backward
     Voyant Start
     FromAtoB_SFC.E1.x
                                                   VariablesFactoIO.H1_Start
```

### 1.1.1.6 Symbol Configuration: Symbols

### 1.1.1.7 Task Configuration: Task Configuration

Max. number of tasks: 19
Max. number of cyclic tasks: 5
Max. number of freewheeling tasks: 1
Max. number of event tasks: 8
Max. number of external event tasks: 16

System Events:

#### 1.1.1.7.1 Task: MAST

Priority: 15 Type: Cyclic Interval: 20 Unit: ms Watchdog: Active

Watchdog Time: 100 Unit: ms Watchdog Sensitivity: 1 POUs: FromAtoB\_SFC Sorties

### 1.1.1.7.1.1 Program Call: FromAtoB\_SFC

# 1.1.1.7.1.2 Program Call: Sorties

### 1.2 Device: DI

#### **I/O Configuration**

|    | e Name<br>Parameters | Base Type | Value | Default Value (if different) |
|----|----------------------|-----------|-------|------------------------------|
|    | Filter               | ENUM      | 4     |                              |
|    | Latch                | ENUM      | No    |                              |
|    | Event                | ENUM      | No    |                              |
|    | Bounce               | ENUM      | 0.000 |                              |
| 11 |                      |           |       |                              |
|    | Filter               | ENUM      | 4     |                              |
|    | Latch                | ENUM      | No    |                              |
|    | Event                | ENUM      | No    |                              |
|    | Bounce               | ENUM      | 0.000 |                              |
| 12 |                      |           |       |                              |
|    | Filter               | ENUM      | 4     |                              |
|    | Latch                | ENUM      | No    |                              |
|    | Event                | ENUM      | No    |                              |
|    | Bounce               | ENUM      | 0.000 |                              |

| Visible Name           | Base Type    | Value             | Default Value (if different) |
|------------------------|--------------|-------------------|------------------------------|
| 13                     |              | 4                 |                              |
| Filter                 | ENUM         | 4                 |                              |
| Latch                  | ENUM<br>ENUM | No<br>No          |                              |
| Event                  | ENUM         | 0.000             |                              |
| Bounce<br>I4           | ENUM         | 0.000             |                              |
| Filter                 | ENUM         | 4                 |                              |
| Latch                  | ENUM         | No                |                              |
| Event                  | ENUM         | No                |                              |
| Bounce                 | ENUM         | 0.000             |                              |
| 15                     |              | 0.000             |                              |
| Filter                 | ENUM         | 4                 |                              |
| Latch                  | ENUM         | No                |                              |
| Event                  | ENUM         | No                |                              |
| Bounce                 | ENUM         | 0.000             |                              |
| 16                     |              |                   |                              |
| Filter                 | ENUM         | 4                 |                              |
| Latch                  | ENUM         | No                |                              |
| Event                  | ENUM         | No                |                              |
| Bounce                 | ENUM         | 0.000             |                              |
| 17                     |              |                   |                              |
| Filter                 | ENUM         | 4                 |                              |
| Latch                  | ENUM         | No                |                              |
| Event                  | ENUM         | No                |                              |
| Bounce                 | ENUM         | 0.000             |                              |
| l8<br>Filter           | ENILINA      | 4                 |                              |
| Filler<br>19           | ENUM         | 4                 |                              |
| Filter                 | ENUM         | 4                 |                              |
| I10                    | LINOW        | 4                 |                              |
| Filter                 | ENUM         | 4                 |                              |
| I11                    | LITOW        | 7                 |                              |
| Filter                 | ENUM         | 4                 |                              |
| I12                    |              | •                 |                              |
| Filter                 | ENUM         | 4                 |                              |
| I13                    |              |                   |                              |
| Filter                 | ENUM         | 4                 |                              |
| IOs Usage              | UINT         | 0                 |                              |
| General Parameters     |              |                   |                              |
| Run/Stop Input         | ENUM         | None              |                              |
| Run/Stop Input History | STRING       | 'old=255 new=255' |                              |
|                        |              |                   |                              |

#### **Information**

Name: Digital Inputs Vendor: Schneider Electric

Categories:

Type: 4096
ID: 101a 0707
Module ID: DIG\_IN
Version: 5.2.11.24

Order number: - Description:

## 1.3 Device: DQ

#### I/O Configuration

Visible Name Base Type Value Default Value (if different)

Outputs Usage UINT 0

General Parameters

Alarm Output ENUM None
Rearming Output Mode ENUM Auto
Synchronization
Minimize jitter for local output ENUM No

#### **Information**

Name: Digital Outputs Vendor: Schneider Electric

Categories:

Type: 4096 ID: 101a 0707 Module ID: DIG\_OUT Version: 5.2.11.24

Order number: - Description:

### 1.4 Device: Counters

±

| Visible Name  Counting function InstanceNumber | Base Type<br>ENUM<br>SINT | <i>Value</i><br>None<br>0 | Default Value (if different) |
|--|---------------------------|---------------------------|------------------------------|
| General  | Onti                      | Ü                         |                              |
| Instance name                                  | STRING                    | m .                       |                              |
| Counting Mode                                  | ENUM                      | One-shot                  |                              |
| A input  |                           |                           |                              |
| Location                                       | ENUM                      | Disabled                  |                              |
| Bounce filter                                  | ENUM                      | 0.002                     |                              |
| Range  |                           |                           |                              |
| Preset   | DWORD                     | 2147483647                |                              |
| A input  |                           |                           |                              |
| A input History                                | STRING                    | 'old=-1 new=-1'           |                              |
| General  |                           |                           |                              |
| Temporary Instance name                        | STRING                    | "                         |                              |
| Instance name                                  | STRING                    | "                         |                              |
| Counting Mode                                  | ENUM                      | One-shot                  |                              |
| A input  |                           |                           |                              |
| Location                                       | ENUM                      | Disabled                  |                              |
| Bounce filter                                  | ENUM                      | 0.002                     |                              |
| Range  |                           |                           |                              |
| Preset   | DWORD                     | 2147483647                |                              |
| Time base                                      | ENUM                      | 1                         |                              |
| EN input                                       |                           |                           |                              |
| Location                                       | ENUM                      | Disabled                  |                              |
|  |                           |                           |                              |

| Visible Name                                   | Paga Tima         | Value                 | Default Value (if different) |
|--|-------------------|-----------------------|------------------------------|
| Visible Name  Bounce filter                    | Base Type<br>ENUM | <i>Value</i><br>0.002 | Default Value (if different) |
| SYNC input                                     | LINOW             | 0.002                 |                              |
| Location                                       | ENUM              | Disabled              |                              |
| Bounce filter                                  | ENUM              | 0.002                 |                              |
| Preset condition                               | ENUM              | SYNC Rising           |                              |
| CAP input                                      |                   |                       |                              |
| Location                                       | ENUM              | Disabled              |                              |
| Bounce filter                                  | ENUM              | 0.002                 |                              |
| Capture  | - N. I. I. A      | December              |                              |
| Mode<br>Thresholds                             | ENUM              | Preset                |                              |
| Number of thresholds                           | ENUM              | 0                     |                              |
| Threshold 0 value                              | DWORD             | 0                     |                              |
| Threshold 1 value                              | DWORD             | 0                     |                              |
| Threshold 2 value                              | DWORD             | 0                     |                              |
| Threshold 3 value                              | DWORD             | 0                     |                              |
| Reflex 0 output                                |                   |                       |                              |
| Location                                       | ENUM              | Disabled              |                              |
| Reflex 1 output                                |                   |                       |                              |
| Location                                       | ENUM              | Disabled              |                              |
| Intervals                                      |                   |                       |                              |
| Min count to TH0<br>Reflex 0 value             | POOL              | EAL OF                |                              |
| Reflex 1 value                                 | BOOL<br>BOOL      | FALSE<br>FALSE        |                              |
| TH0 to TH1                                     | DOOL              | TALOL                 |                              |
| Reflex 0 value                                 | BOOL              | FALSE                 |                              |
| Reflex 1 value                                 | BOOL              | FALSE                 |                              |
| TH1 to TH2                                     |                   |                       |                              |
| Reflex 0 value                                 | BOOL              | FALSE                 |                              |
| Reflex 1 value                                 | BOOL              | FALSE                 |                              |
| TH2 to TH3                                     |                   |                       |                              |
| Reflex 0 value                                 | BOOL              | FALSE                 |                              |
| Reflex 1 value                                 | BOOL              | FALSE                 |                              |
| TH3 to max count<br>Reflex 0 value             | BOOL              | FALSE                 |                              |
| Reflex 1 value                                 | BOOL              | FALSE                 |                              |
| Events   | BOOL              | TALOL                 |                              |
| Stop Event                                     | ENUM              | No                    |                              |
| Threshold 0                                    | ENUM              | No                    |                              |
| Threshold 1                                    | ENUM              | No                    |                              |
| Threshold 2                                    | ENUM              | No                    |                              |
| Threshold 3                                    | ENUM              | No                    |                              |
| External Event Configuration                   |                   |                       |                              |
| HSC Main Id                                    | ENUM              | None                  |                              |
| Stop External Event Threshold 0 External Event | STRING            | "                     |                              |
| Threshold 1 External Event                     | STRING<br>STRING  | "                     |                              |
| Threshold 2 External Event                     |                   | "                     |                              |
| Threshold 3 External Event                     | STRING            | II .                  |                              |
| Reflex 1 output                                | 011               |                       |                              |
| Reflex 1 output History                        | STRING            | 'old=-1 new=-1'       |                              |
| Reflex 0 output                                |                   |                       |                              |
| Reflex 0 output History                        | STRING            | 'old=-1 new=-1'       |                              |
| CAP input                                      |                   |                       |                              |
| CAP input History                              | STRING            | 'old=-1 new=-1'       |                              |
| SYNC input                                     | CTDING            |                       |                              |
| SYNC input History                             | STRING            | 'old=-1 new=-1'       |                              |
| EN input<br>EN input History                   | STRING            | 'old=-1 new=-1'       |                              |
| Liv input i listory                            | STAING            | olu i ilew i          |                              |

| Visible Name                         | Base Type    | Value             | Default Value (if different) |
|--------------------------------------|--------------|-------------------|------------------------------|
| A input                              | OTRINO       | tata dinama di    |                              |
| A input History<br>General           | STRING       | 'old=-1 new=-1'   |                              |
| Temporary Instance name              | STRING       | "                 |                              |
| Instance name                        | STRING       | m .               |                              |
| Counting Mode                        | ENUM         | Modulo-loop       |                              |
| Input Mode                           | ENUM         | A=UP, B=DOWN      |                              |
| A input                              |              |                   |                              |
| Location                             | ENUM         | Disabled          |                              |
| Bounce filter                        | ENUM         | 0.002             |                              |
| B input                              |              |                   |                              |
| Location                             | ENUM         | Disabled          |                              |
| Bounce filter                        | ENUM         | 0.002             |                              |
| Range                                | DINT         | 2147483647        |                              |
| Preset<br>Limits                     | DINT<br>ENUM | Lock on limits    |                              |
| SYNC input                           | LINOIVI      | LOCK OIT IIIIIIIS |                              |
| Location                             | ENUM         | Disabled          |                              |
| Bounce filter                        | ENUM         | 0.002             |                              |
| Preset condition                     | ENUM         | SYNC Rising       |                              |
| CAP input                            | _            | 3                 |                              |
| Location                             | ENUM         | Disabled          |                              |
| Bounce filter                        | ENUM         | 0.002             |                              |
| Capture                              |              |                   |                              |
| Mode                                 | ENUM         | Preset            |                              |
| Thresholds                           |              |                   |                              |
| Number of thresholds                 | ENUM         | 0                 |                              |
| Threshold 0 value                    | DINT         | 0                 |                              |
| Threshold 1 value                    | DINT         | 0                 |                              |
| Threshold 2 value                    | DINT         | 0                 |                              |
| Threshold 3 value<br>Reflex 0 output | DINT         | 0                 |                              |
| Location                             | ENUM         | Disabled          |                              |
| Reflex 1 output                      | LINOW        | Disablea          |                              |
| Location                             | ENUM         | Disabled          |                              |
| Intervals                            |              |                   |                              |
| Min count to TH0                     |              |                   |                              |
| Reflex 0 value                       | BOOL         | FALSE             |                              |
| Reflex 1 value                       | BOOL         | FALSE             |                              |
| TH0 to TH1                           |              |                   |                              |
| Reflex 0 value                       | BOOL         | FALSE             |                              |
| Reflex 1 value                       | BOOL         | FALSE             |                              |
| TH1 to TH2                           | DOO!         | EALOE             |                              |
| Reflex 0 value                       | BOOL         | FALSE<br>FALSE    |                              |
| Reflex 1 value<br>TH2 to TH3         | BOOL         | FALSE             |                              |
| Reflex 0 value                       | BOOL         | FALSE             |                              |
| Reflex 1 value                       | BOOL         | FALSE             |                              |
| TH3 to max count                     | DOOL         | TALOL             |                              |
| Reflex 0 value                       | BOOL         | FALSE             |                              |
| Reflex 1 value                       | BOOL         | FALSE             |                              |
| Events                               |              |                   |                              |
| Threshold 0                          | ENUM         | No                |                              |
| Threshold 1                          | ENUM         | No                |                              |
| Threshold 2                          | ENUM         | No                |                              |
| Threshold 3                          | ENUM         | No                |                              |
| External Event Configuration         |              |                   |                              |
| HSC Main Id                          | ENUM         | None              |                              |
| Threshold 0 External Event           | STRING       |                   |                              |
|                                      |              |                   |                              |

| Visible Name   | Base Type        | Value                    | Default Value (if different) |
|--|------------------|--------------------------|------------------------------|
| Threshold 1 External Event<br>Threshold 2 External Event |                  |                          |                              |
| Threshold 3 External Event                               |                  |                          |                              |
| Reflex 1 output  | 01111110         |                          |                              |
| Reflex 1 output History                                  | STRING           | 'old=-1 new=-1'          |                              |
| Reflex 0 output  |                  |                          |                              |
| Reflex 0 output History                                  | STRING           | 'old=-1 new=-1'          |                              |
| CAP input  | OTDINIO          | 1-1-1 4 41               |                              |
| CAP input History<br>SYNC input                          | STRING           | 'old=-1 new=-1'          |                              |
| SYNC input History                                       | STRING           | 'old=-1 new=-1'          |                              |
| B input  | 01111110         | old Thom                 |                              |
| B input History  | STRING           | 'old=-1 new=-1'          |                              |
| A input  |                  |                          |                              |
| A input History  | STRING           | 'old=-1 new=-1'          |                              |
| General  | CTDING           | "                        |                              |
| Temporary Instance name<br>Instance name                 | STRING<br>STRING | "                        |                              |
| A input  | STAING           |                          |                              |
| Location   | ENUM             | Disabled                 |                              |
| Bounce filter  | ENUM             | 0.002                    |                              |
| Range  |                  |                          |                              |
| Time base  | ENUM             | 1000                     |                              |
| EN input   | E                | D: 11 1                  |                              |
| Location   | ENUM             | Disabled<br>0.002        |                              |
| Bounce filter<br>EN input History                        | ENUM<br>STRING   | 0.002<br>'old=-1 new=-1' |                              |
| A input  | STAING           | old1 flew1               |                              |
| A input History  | STRING           | 'old=-1 new=-1'          |                              |
| General  |                  |                          |                              |
| Temporary Instance name                                  | STRING           | "                        |                              |
| Instance name  | STRING           | "                        |                              |
| PeriodMeter Mode   | ENUM             | Edge to Edge             |                              |
| A input<br>Location                                      | ENUM             | Disabled                 |                              |
| Bounce filter  | ENUM             | 0.002                    |                              |
| Range  |                  | 0.002                    |                              |
| Resolution   | ENUM             | 1                        |                              |
| Timeout  | DWORD            | 0                        |                              |
| EN input   |                  |                          |                              |
| Location   | ENUM             | Disabled                 |                              |
| Bounce filter  | ENUM             | 0.002<br>'old=-1 new=-1' |                              |
| EN input History A input                                 | STRING           | old i flew i             |                              |
| A input History  | STRING           | 'old=-1 new=-1'          |                              |
| General  |                  |                          |                              |
| Temporary Instance name                                  | STRING           | "                        |                              |
| Counting function  | ENUM             | None                     |                              |
| InstanceNumber   | SINT             | 1                        |                              |
| Instance name  | STRING           |                          |                              |
| Counting Mode A input                                    | ENUM             | One-shot                 |                              |
| Location   | ENUM             | Disabled                 |                              |
| Bounce filter  | ENUM             | 0.002                    |                              |
| Range  | - **             |                          |                              |
| Preset   | DWORD            | 2147483647               |                              |
| A input  |                  |                          |                              |
| A input History  | STRING           | 'old=-1 new=-1'          |                              |
| General  |                  |                          |                              |

| Visible Name                                | Base Type     | Value           | Default Value (if different) |
|---|---------------|-----------------|------------------------------|
| Temporary Instance name                     | STRING        | "               | Delauk Value (II dillerent)  |
| Instance name                               | STRING        | u .             |                              |
| Counting Mode                               | ENUM          | One-shot        |                              |
| A input                                     |               |                 |                              |
| Location                                    | ENUM          | Disabled        |                              |
| Bounce filter                               | ENUM          | 0.002           |                              |
| Range                                       | DWODD         | 2147492647      |                              |
| Preset<br>Time base                         | DWORD<br>ENUM | 2147483647<br>1 |                              |
| EN input                                    | LINOW         | 1               |                              |
| Location                                    | ENUM          | Disabled        |                              |
| Bounce filter                               | ENUM          | 0.002           |                              |
| SYNC input                                  |               |                 |                              |
| Location                                    | ENUM          | Disabled        |                              |
| Bounce filter                               | ENUM          | 0.002           |                              |
| Preset condition                            | ENUM          | SYNC Rising     |                              |
| CAP input                                   |               | 5               |                              |
| Location                                    | ENUM          | Disabled        |                              |
| Bounce filter Capture                       | ENUM          | 0.002           |                              |
| Mode  | ENUM          | Preset          |                              |
| Thresholds                                  | LIVOW         | 1 10301         |                              |
| Number of thresholds                        | ENUM          | 0               |                              |
| Threshold 0 value                           | DWORD         | 0               |                              |
| Threshold 1 value                           | DWORD         | 0               |                              |
| Threshold 2 value                           | DWORD         | 0               |                              |
| Threshold 3 value                           | DWORD         | 0               |                              |
| Reflex 0 output                             |               |                 |                              |
| Location                                    | ENUM          | Disabled        |                              |
| Reflex 1 output                             | ENIL INA      | Disabled        |                              |
| Location<br>Intervals                       | ENUM          | Disabled        |                              |
| Min count to TH0                            |               |                 |                              |
| Reflex 0 value                              | BOOL          | FALSE           |                              |
| Reflex 1 value                              | BOOL          | FALSE           |                              |
| TH0 to TH1                                  |               |                 |                              |
| Reflex 0 value                              | BOOL          | FALSE           |                              |
| Reflex 1 value                              | BOOL          | FALSE           |                              |
| TH1 to TH2                                  |               |                 |                              |
| Reflex 0 value                              | BOOL          | FALSE           |                              |
| Reflex 1 value                              | BOOL          | FALSE           |                              |
| TH2 to TH3<br>Reflex 0 value                | BOOL          | EVICE           |                              |
| Reflex 1 value                              | BOOL          | FALSE<br>FALSE  |                              |
| TH3 to max count                            | BOOL          | TALOL           |                              |
| Reflex 0 value                              | BOOL          | FALSE           |                              |
| Reflex 1 value                              | BOOL          | FALSE           |                              |
| Events                                      |               |                 |                              |
| Stop Event                                  | ENUM          | No              |                              |
| Threshold 0                                 | ENUM          | No              |                              |
| Threshold 1                                 | ENUM          | No              |                              |
| Threshold 2                                 | ENUM          | No              |                              |
| Threshold 3                                 | ENUM          | No              |                              |
| External Event Configuration<br>HSC Main Id | ENUM          | None            |                              |
| Stop External Event                         | STRING        | "               |                              |
| Threshold 0 External Event                  |               | "               |                              |
| Threshold 1 External Event                  |               | u .             |                              |
| Threshold 2 External Event                  | STRING        | "               |                              |
|   |               |                 |                              |

| Visible Name                               | Base Type        | Value           | Default Value (if different) |
|--|------------------|-----------------|------------------------------|
| Threshold 3 External Event                 | STRING           | "               |                              |
| Reflex 1 output                            | OTDINIO          |                 |                              |
| Reflex 1 output History                    | STRING           | 'old=-1 new=-1' |                              |
| Reflex 0 output<br>Reflex 0 output History | STRING           | 'old=-1 new=-1' |                              |
| CAP input                                  | STRING           | olu i ilew i    |                              |
| CAP input History                          | STRING           | 'old=-1 new=-1' |                              |
| SYNC input                                 | 0                |                 |                              |
| SYNC input History                         | STRING           | 'old=-1 new=-1' |                              |
| EN input                                   |                  |                 |                              |
| EN input History                           | STRING           | 'old=-1 new=-1' |                              |
| A input                                    |                  |                 |                              |
| A input History                            | STRING           | 'old=-1 new=-1' |                              |
| General                                    | CTDING           |                 |                              |
| Temporary Instance name<br>Instance name   | STRING<br>STRING | "               |                              |
| Counting Mode                              | ENUM             | Modulo-loop     |                              |
| Input Mode                                 | ENUM             | A=UP, B=DOWN    |                              |
| A input                                    |                  | 0.,2 20         |                              |
| Location                                   | ENUM             | Disabled        |                              |
| Bounce filter                              | ENUM             | 0.002           |                              |
| B input                                    |                  |                 |                              |
| Location                                   | ENUM             | Disabled        |                              |
| Bounce filter                              | ENUM             | 0.002           |                              |
| Range                                      |                  |                 |                              |
| Preset                                     | DINT             | 2147483647      |                              |
| Limits                                     | ENUM             | Lock on limits  |                              |
| SYNC input<br>Location                     | ENUM             | Disabled        |                              |
| Bounce filter                              | ENUM             | 0.002           |                              |
| Preset condition                           | ENUM             | SYNC Rising     |                              |
| CAP input                                  | LIVOW            | OTTOTAIN        |                              |
| Location                                   | ENUM             | Disabled        |                              |
| Bounce filter                              | ENUM             | 0.002           |                              |
| Capture                                    |                  |                 |                              |
| Mode                                       | ENUM             | Preset          |                              |
| Thresholds                                 |                  |                 |                              |
| Number of thresholds                       | ENUM             | 0               |                              |
| Threshold 0 value                          | DINT             | 0               |                              |
| Threshold 1 value                          | DINT             | 0               |                              |
| Threshold 2 value                          | DINT             | 0               |                              |
| Threshold 3 value Reflex 0 output          | DINT             | 0               |                              |
| Location                                   | ENUM             | Disabled        |                              |
| Reflex 1 output                            | LINOW            | Disablea        |                              |
| Location                                   | ENUM             | Disabled        |                              |
| Intervals                                  |                  |                 |                              |
| Min count to TH0                           |                  |                 |                              |
| Reflex 0 value                             | BOOL             | FALSE           |                              |
| Reflex 1 value                             | BOOL             | FALSE           |                              |
| TH0 to TH1                                 |                  |                 |                              |
| Reflex 0 value                             | BOOL             | FALSE           |                              |
| Reflex 1 value                             | BOOL             | FALSE           |                              |
| TH1 to TH2                                 | DOO!             | EAL OF          |                              |
| Reflex 0 value                             | BOOL             | FALSE           |                              |
| Reflex 1 value<br>TH2 to TH3               | BOOL             | FALSE           |                              |
| Reflex 0 value                             | BOOL             | FALSE           |                              |
| Reflex 1 value                             | BOOL             | FALSE           |                              |
|  |                  |                 |                              |

| Visible Name TH3 to max count  | Base Type     | Value              | Default Value (if different) |
|--|---------------|--------------------|------------------------------|
| Reflex 0 value   | BOOL          | FALSE              |                              |
| Reflex 1 value   | BOOL          | FALSE              |                              |
| Events   |               |                    |                              |
| Threshold 0  | ENUM          | No                 |                              |
| Threshold 1  | ENUM          | No                 |                              |
| Threshold 2  | ENUM          | No                 |                              |
| Threshold 3 External Event Configuration   | ENUM          | No                 |                              |
| HSC Main Id  | ENUM          | None               |                              |
| Threshold 0 External Event   | STRING        | "                  |                              |
| Threshold 1 External Event   |               | II .               |                              |
| Threshold 2 External Event   | STRING        | "                  |                              |
| Threshold 3 External Event   | STRING        | "                  |                              |
| Reflex 1 output  |               |                    |                              |
| Reflex 1 output History  | STRING        | 'old=-1 new=-1'    |                              |
| Reflex 0 output Reflex 0 output History  | STRING        | 'old=-1 new=-1'    |                              |
| CAP input  | STRING        | olu i ilew i       |                              |
| CAP input History  | STRING        | 'old=-1 new=-1'    |                              |
| SYNC input   |               |                    |                              |
| SYNC input History   | STRING        | 'old=-1 new=-1'    |                              |
| B input  |               |                    |                              |
| B input History  | STRING        | 'old=-1 new=-1'    |                              |
| A input  | CTDING        | -  -  1   -  -   1 |                              |
| A input History<br>General   | STRING        | 'old=-1 new=-1'    |                              |
| Temporary Instance name  | STRING        | II .               |                              |
| Instance name  | STRING        | II .               |                              |
| A input  |               |                    |                              |
| Location   | ENUM          | Disabled           |                              |
| Bounce filter  | ENUM          | 0.002              |                              |
| Range  | ENILIM        | 1000               |                              |
| Time base<br>EN input  | ENUM          | 1000               |                              |
| Location   | ENUM          | Disabled           |                              |
| Bounce filter  | ENUM          | 0.002              |                              |
| EN input History   | STRING        | 'old=-1 new=-1'    |                              |
| A input  |               |                    |                              |
| A input History  | STRING        | 'old=-1 new=-1'    |                              |
| General Temporary Instance name  | STRING        |                    |                              |
| Instance name  | STRING        | "                  |                              |
| PeriodMeter Mode   | ENUM          | Edge to Edge       |                              |
| A input  |               |                    |                              |
| Location   | ENUM          | Disabled           |                              |
| Bounce filter  | ENUM          | 0.002              |                              |
| Range  | ENIL INA      | 1                  |                              |
| Resolution<br>Timeout  | ENUM<br>DWORD | 1<br>0             |                              |
| EN input   | DWOND         | 0                  |                              |
| Location   | ENUM          | Disabled           |                              |
| Bounce filter  | ENUM          | 0.002              |                              |
| EN input History   | STRING        | 'old=-1 new=-1'    |                              |
| A input  |               |                    |                              |
| A input History  | STRING        | 'old=-1 new=-1'    |                              |
| General Temporary Instance name  | STRING        | "                  |                              |
| Counting function  | ENUM          | None               |                              |
| Journal of the state of the sta |               |                    |                              |

| Visible Name                       | Base Type      | Value                                   | Default Value (if different) |
|------------------------------------|----------------|---|------------------------------|
| InstanceNumber                     | SINT           | 2                                       | ,                            |
| Instance name                      | STRING         | "                                       |                              |
| Counting Mode                      | ENUM           | One-shot                                |                              |
| A input<br>Location                | ENILIM         | Disabled                                |                              |
| Bounce filter                      | ENUM<br>ENUM   | 0.002                                   |                              |
| Range                              | LINOW          | 0.002                                   |                              |
| Preset                             | DWORD          | 2147483647                              |                              |
| A input                            |                |   |                              |
| A input History                    | STRING         | 'old=-1 new=-1'                         |                              |
| General                            | 0.77           | "                                       |                              |
| Temporary Instance name            | STRING         | "                                       |                              |
| Instance name                      | STRING<br>ENUM | One-shot                                |                              |
| Counting Mode A input              | EINOIVI        | One-shot                                |                              |
| Location                           | ENUM           | Disabled                                |                              |
| Bounce filter                      | ENUM           | 0.002                                   |                              |
| Range                              |                |   |                              |
| Preset                             | DWORD          | 2147483647                              |                              |
| Time base                          | ENUM           | 1                                       |                              |
| EN input                           |                |   |                              |
| Location                           | ENUM           | Disabled                                |                              |
| Bounce filter                      | ENUM           | 0.002                                   |                              |
| SYNC input<br>Location             | ENUM           | Disabled                                |                              |
| Bounce filter                      | ENUM           | 0.002                                   |                              |
| Preset condition                   | ENUM           | SYNC Rising                             |                              |
| CAP input                          |                | e vive viienig                          |                              |
| Location                           | ENUM           | Disabled                                |                              |
| Bounce filter                      | ENUM           | 0.002                                   |                              |
| Capture                            |                | _                                       |                              |
| Mode                               | ENUM           | Preset                                  |                              |
| Thresholds Number of thresholds    |                | 0                                       |                              |
| Threshold 0 value                  | ENUM<br>DWORD  | 0<br>0                                  |                              |
| Threshold 1 value                  | DWORD          | 0                                       |                              |
| Threshold 2 value                  | DWORD          | 0                                       |                              |
| Threshold 3 value                  | DWORD          | 0                                       |                              |
| Reflex 0 output                    |                |   |                              |
| Location                           | ENUM           | Disabled                                |                              |
| Reflex 1 output                    |                |   |                              |
| Location                           | ENUM           | Disabled                                |                              |
| Intervals                          |                |   |                              |
| Min count to TH0<br>Reflex 0 value | BOOL           | FALSE                                   |                              |
| Reflex 1 value                     | BOOL           | FALSE                                   |                              |
| TH0 to TH1                         | 2002           | 171202                                  |                              |
| Reflex 0 value                     | BOOL           | FALSE                                   |                              |
| Reflex 1 value                     | BOOL           | FALSE                                   |                              |
| TH1 to TH2                         |                |   |                              |
| Reflex 0 value                     | BOOL           | FALSE                                   |                              |
| Reflex 1 value                     | BOOL           | FALSE                                   |                              |
| TH2 to TH3                         | POOL           | FALSE                                   |                              |
| Reflex 0 value<br>Reflex 1 value   | BOOL<br>BOOL   | FALSE                                   |                              |
| TH3 to max count                   | DOOL           | . , , , , , , , , , , , , , , , , , , , |                              |
| Reflex 0 value                     | BOOL           | FALSE                                   |                              |
| Reflex 1 value                     | BOOL           | FALSE                                   |                              |
| Events                             |                |   |                              |
|                                    |                |   |                              |

| Vicible Mana                 | Page Time         | 1/a/va             | Defects Value (if different) |
|------------------------------|-------------------|--------------------|------------------------------|
| Visible Name Stop Event      | Base Type<br>ENUM | <i>Value</i><br>No | Default Value (if different) |
| Threshold 0                  | ENUM              | No<br>No           |                              |
| Threshold 1                  | ENUM              | No                 |                              |
| Threshold 2                  | ENUM              | No                 |                              |
| Threshold 3                  | ENUM              | No                 |                              |
| External Event Configuration | LINOW             | NO                 |                              |
| HSC Main Id                  | ENUM              | None               |                              |
| Stop External Event          | STRING            | "                  |                              |
| Threshold 0 External Event   |                   | "                  |                              |
| Threshold 1 External Event   |                   | II .               |                              |
| Threshold 2 External Event   |                   | II .               |                              |
| Threshold 3 External Event   | STRING            | "                  |                              |
| Reflex 1 output              |                   |                    |                              |
| Reflex 1 output History      | STRING            | 'old=-1 new=-1'    |                              |
| Reflex 0 output              |                   |                    |                              |
| Reflex 0 output History      | STRING            | 'old=-1 new=-1'    |                              |
| CAP input                    |                   |                    |                              |
| CAP input History            | STRING            | 'old=-1 new=-1'    |                              |
| SYNC input                   |                   |                    |                              |
| SYNC input History           | STRING            | 'old=-1 new=-1'    |                              |
| EN input                     |                   |                    |                              |
| EN input History             | STRING            | 'old=-1 new=-1'    |                              |
| A input                      |                   |                    |                              |
| A input History              | STRING            | 'old=-1 new=-1'    |                              |
| General                      |                   |                    |                              |
| Temporary Instance name      | STRING            | "                  |                              |
| Instance name                | STRING            |                    |                              |
| Counting Mode                | ENUM              | Modulo-loop        |                              |
| Input Mode                   | ENUM              | A=UP, B=DOWN       |                              |
| A input                      |                   | 5                  |                              |
| Location                     | ENUM              | Disabled           |                              |
| Bounce filter                | ENUM              | 0.002              |                              |
| B input                      | ENIL INA          | Disabled           |                              |
| Location                     | ENUM              | Disabled           |                              |
| Bounce filter                | ENUM              | 0.002              |                              |
| Range<br>Preset              | DINT              | 2147483647         |                              |
| Limits                       | ENUM              | Lock on limits     |                              |
| SYNC input                   | LINOW             | LOCK OIT IIITIILS  |                              |
| Location                     | ENUM              | Disabled           |                              |
| Bounce filter                | ENUM              | 0.002              |                              |
| Preset condition             | ENUM              | SYNC Rising        |                              |
| CAP input                    | Litoini           | o mo mong          |                              |
| Location                     | ENUM              | Disabled           |                              |
| Bounce filter                | ENUM              | 0.002              |                              |
| Capture                      |                   |                    |                              |
| Mode                         | ENUM              | Preset             |                              |
| Thresholds                   |                   |                    |                              |
| Number of thresholds         | ENUM              | 0                  |                              |
| Threshold 0 value            | DINT              | 0                  |                              |
| Threshold 1 value            | DINT              | 0                  |                              |
| Threshold 2 value            | DINT              | 0                  |                              |
| Threshold 3 value            | DINT              | 0                  |                              |
| Reflex 0 output              |                   |                    |                              |
| Location                     | ENUM              | Disabled           |                              |
| Reflex 1 output              |                   | <b>5</b>           |                              |
| Location                     | ENUM              | Disabled           |                              |
| Intervals                    |                   |                    |                              |
| Min count to TH0             |                   |                    |                              |

| Visible Name                       | Base Type     | Value            | Default Value (if different) |
|------------------------------------|---------------|------------------|------------------------------|
| Reflex 0 value                     | BOOL          | FALSE            | Dolaan Value (II allierolly  |
| Reflex 1 value                     | BOOL          | FALSE            |                              |
| TH0 to TH1                         |               |                  |                              |
| Reflex 0 value                     | BOOL          | FALSE            |                              |
| Reflex 1 value                     | BOOL          | FALSE            |                              |
| TH1 to TH2                         |               |                  |                              |
| Reflex 0 value                     | BOOL          | FALSE            |                              |
| Reflex 1 value                     | BOOL          | FALSE            |                              |
| TH2 to TH3                         | DOO!          | EALCE            |                              |
| Reflex 0 value                     | BOOL          | FALSE            |                              |
| Reflex 1 value<br>TH3 to max count | BOOL          | FALSE            |                              |
| Reflex 0 value                     | BOOL          | FALSE            |                              |
| Reflex 1 value                     | BOOL          | FALSE            |                              |
| Events                             | DOOL          | TALOL            |                              |
| Threshold 0                        | ENUM          | No               |                              |
| Threshold 1                        | ENUM          | No               |                              |
| Threshold 2                        | ENUM          | No               |                              |
| Threshold 3                        | ENUM          | No               |                              |
| External Event Configuration       |               |                  |                              |
| HSC Main Id                        | ENUM          | None             |                              |
| Threshold 0 External Event         | STRING        | "                |                              |
| Threshold 1 External Event         | STRING        | II .             |                              |
| Threshold 2 External Event         | STRING        | "                |                              |
| Threshold 3 External Event         | STRING        | "                |                              |
| Reflex 1 output                    |               |                  |                              |
| Reflex 1 output History            | STRING        | 'old=-1 new=-1'  |                              |
| Reflex 0 output                    | OTDINIO       | Intal discuss 41 |                              |
| Reflex 0 output History            | STRING        | 'old=-1 new=-1'  |                              |
| CAP input History                  | CTDING        | 'old=-1 new=-1'  |                              |
| CAP input History<br>SYNC input    | STRING        | olu i ilew i     |                              |
| SYNC input History                 | STRING        | 'old=-1 new=-1'  |                              |
| B input                            | OTTAING       | olu1 ficw1       |                              |
| B input History                    | STRING        | 'old=-1 new=-1'  |                              |
| A input                            |               |                  |                              |
| A input History                    | STRING        | 'old=-1 new=-1'  |                              |
| General                            |               |                  |                              |
| Temporary Instance name            | STRING        | "                |                              |
| Instance name                      | STRING        | "                |                              |
| A input                            |               |                  |                              |
| Location                           | ENUM          | Disabled         |                              |
| Bounce filter                      | ENUM          | 0.002            |                              |
| Range                              |               | 1000             |                              |
| Time base                          | ENUM          | 1000             |                              |
| EN input<br>Location               | ENILINA.      | Disabled         |                              |
| Bounce filter                      | ENUM<br>ENUM  | 0.002            |                              |
| EN input History                   | STRING        | 'old=-1 new=-1'  |                              |
| A input                            | OTTING        | olu1 ficw1       |                              |
| A input History                    | STRING        | 'old=-1 new=-1'  |                              |
| General                            | · · · · · · · |                  |                              |
| Temporary Instance name            | STRING        | m .              |                              |
| Instance name                      | STRING        | II .             |                              |
| PeriodMeter Mode                   | ENUM          | Edge to Edge     |                              |
| A input                            |               | -                |                              |
| Location                           | ENUM          | Disabled         |                              |
| Bounce filter                      | ENUM          | 0.002            |                              |
| Range                              |               |                  |                              |
|                                    |               |                  |                              |

| Visible Name            | Base Type<br>ENUM | <i>Value</i><br>1 | Default Value (if different) |
|-------------------------|-------------------|-------------------|------------------------------|
| Resolution              |                   | •                 |                              |
| Timeout                 | DWORD             | 0                 |                              |
| EN input                |                   | D'a abbad         |                              |
| Location                | ENUM              | Disabled          |                              |
| Bounce filter           | ENUM              | 0.002             |                              |
| EN input History        | STRING            | 'old=-1 new=-1'   |                              |
| A input                 |                   |                   |                              |
| A input History         | STRING            | 'old=-1 new=-1'   |                              |
| General                 |                   |                   |                              |
| Temporary Instance name | STRING            | "                 |                              |
| Counting function       | ENUM              | None              |                              |
| InstanceNumber          | SINT              | 3                 |                              |
| Instance name           | STRING            | "                 |                              |
| Counting Mode           | ENUM              | One-shot          |                              |
| A input                 |                   |                   |                              |
| Location                | ENUM              | Disabled          |                              |
| Bounce filter           | ENUM              | 0.002             |                              |
| Range                   |                   |                   |                              |
| Preset                  | DWORD             | 2147483647        |                              |
| A input                 |                   |                   |                              |
| A input History         | STRING            | 'old=-1 new=-1'   |                              |
| General                 |                   |                   |                              |
| Temporary Instance name | STRING            | II .              |                              |
| Instance name           | STRING            | ·                 |                              |
| Counting Mode           | ENUM              | One-shot          |                              |
| A input                 |                   |                   |                              |
| Location                | ENUM              | Disabled          |                              |
| Bounce filter           | ENUM              | 0.002             |                              |
| Range                   |                   | 0.002             |                              |
| Preset                  | DWORD             | 2147483647        |                              |
| Time base               | ENUM              | 1                 |                              |
| EN input                | 2.10              | •                 |                              |
| Location                | ENUM              | Disabled          |                              |
| Bounce filter           | ENUM              | 0.002             |                              |
| SYNC input              | LIVOW             | 0.002             |                              |
| Location                | ENUM              | Disabled          |                              |
| Bounce filter           | ENUM              | 0.002             |                              |
| Preset condition        | ENUM              | SYNC Rising       |                              |
| CAP input               | LINOW             | o mo maing        |                              |
| Location                | ENUM              | Disabled          |                              |
| Bounce filter           | ENUM              | 0.002             |                              |
| _                       | LINOW             | 0.002             |                              |
| Capture<br>Mode         | ENILIM            | Drocot            |                              |
| Thresholds              | ENUM              | Preset            |                              |
|                         | ENILIM            | 0                 |                              |
| Number of thresholds    | ENUM              | 0                 |                              |
| Threshold 0 value       | DWORD             | 0                 |                              |
| Threshold 1 value       | DWORD             | 0                 |                              |
| Threshold 2 value       | DWORD             | 0                 |                              |
| Threshold 3 value       | DWORD             | 0                 |                              |
| Reflex 0 output         |                   | 5                 |                              |
| Location                | ENUM              | Disabled          |                              |
| Reflex 1 output         |                   |                   |                              |
| Location                | ENUM              | Disabled          |                              |
| Intervals               |                   |                   |                              |
| Min count to TH0        |                   |                   |                              |
| Reflex 0 value          | BOOL              | FALSE             |                              |
| Reflex 1 value          | BOOL              | FALSE             |                              |
| TH0 to TH1              |                   |                   |                              |
| Reflex 0 value          | BOOL              | FALSE             |                              |
|                         |                   |                   |                              |

| Visible Name                             | Base Type      | Value           | Default Value (if different) |
|--|----------------|-----------------|------------------------------|
| Reflex 1 value                           | BOOL           | FALSE           | Delault Value (II ullierent) |
| TH1 to TH2                               | 2002           | 171202          |                              |
| Reflex 0 value                           | BOOL           | FALSE           |                              |
| Reflex 1 value                           | BOOL           | FALSE           |                              |
| TH2 to TH3                               |                |                 |                              |
| Reflex 0 value                           | BOOL           | FALSE           |                              |
| Reflex 1 value                           | BOOL           | FALSE           |                              |
| TH3 to max count                         |                |                 |                              |
| Reflex 0 value                           | BOOL           | FALSE           |                              |
| Reflex 1 value                           | BOOL           | FALSE           |                              |
| Events                                   |                |                 |                              |
| Stop Event                               | ENUM           | No              |                              |
| Threshold 0                              | ENUM           | No              |                              |
| Threshold 1                              | ENUM           | No              |                              |
| Threshold 2                              | ENUM           | No              |                              |
| Threshold 3                              | ENUM           | No              |                              |
| External Event Configuration HSC Main Id | CNILINA        | None            |                              |
| Stop External Event                      | ENUM<br>STRING | None<br>"       |                              |
| Threshold 0 External Event               | STRING         | "               |                              |
| Threshold 1 External Event               |                | "               |                              |
| Threshold 2 External Event               |                | "               |                              |
| Threshold 3 External Event               | STRING         | u .             |                              |
| Reflex 1 output                          | o i i i i i i  |                 |                              |
| Reflex 1 output History                  | STRING         | 'old=-1 new=-1' |                              |
| Reflex 0 output                          |                |                 |                              |
| Reflex 0 output History                  | STRING         | 'old=-1 new=-1' |                              |
| CAP input                                |                |                 |                              |
| CAP input History                        | STRING         | 'old=-1 new=-1' |                              |
| SYNC input                               |                |                 |                              |
| SYNC input History                       | STRING         | 'old=-1 new=-1' |                              |
| EN input                                 |                |                 |                              |
| EN input History                         | STRING         | 'old=-1 new=-1' |                              |
| A input                                  |                |                 |                              |
| A input History                          | STRING         | 'old=-1 new=-1' |                              |
| General                                  | OTDINIO        | ,,              |                              |
| Temporary Instance name                  | STRING         |                 |                              |
| Instance name                            | STRING         |                 |                              |
| Counting Mode Input Mode                 | ENUM<br>ENUM   | Modulo-loop     |                              |
| A input                                  | ENUM           | A=UP, B=DOWN    |                              |
| Location                                 | ENUM           | Disabled        |                              |
| Bounce filter                            | ENUM           | 0.002           |                              |
| B input                                  | 2.10           | 0.002           |                              |
| Location                                 | ENUM           | Disabled        |                              |
| Bounce filter                            | ENUM           | 0.002           |                              |
| Range                                    |                |                 |                              |
| Preset                                   | DINT           | 2147483647      |                              |
| Limits                                   | ENUM           | Lock on limits  |                              |
| SYNC input                               |                |                 |                              |
| Location                                 | ENUM           | Disabled        |                              |
| Bounce filter                            | ENUM           | 0.002           |                              |
| Preset condition                         | ENUM           | SYNC Rising     |                              |
| CAP input                                |                |                 |                              |
| Location                                 | ENUM           | Disabled        |                              |
| Bounce filter                            | ENUM           | 0.002           |                              |
| Capture                                  |                |                 |                              |
| Mode                                     | ENUM           | Preset          |                              |
| Thresholds                               |                |                 |                              |

| Visible Name                 | Base Type | Value           | Default Value (if different) |
|------------------------------|-----------|-----------------|------------------------------|
| Number of thresholds         | ENUM      | 0               |                              |
| Threshold 0 value            | DINT      | 0               |                              |
| Threshold 1 value            | DINT      | 0               |                              |
| Threshold 2 value            | DINT      | 0               |                              |
| Threshold 3 value            | DINT      | 0               |                              |
| Reflex 0 output              |           |                 |                              |
| Location                     | ENUM      | Disabled        |                              |
| Reflex 1 output              |           |                 |                              |
| Location                     | ENUM      | Disabled        |                              |
| Intervals                    |           |                 |                              |
| Min count to TH0             |           |                 |                              |
| Reflex 0 value               | BOOL      | FALSE           |                              |
| Reflex 1 value               | BOOL      | FALSE           |                              |
| TH0 to TH1                   |           |                 |                              |
| Reflex 0 value               | BOOL      | FALSE           |                              |
| Reflex 1 value               | BOOL      | FALSE           |                              |
| TH1 to TH2                   |           |                 |                              |
| Reflex 0 value               | BOOL      | FALSE           |                              |
| Reflex 1 value               | BOOL      | FALSE           |                              |
| TH2 to TH3                   |           |                 |                              |
| Reflex 0 value               | BOOL      | FALSE           |                              |
| Reflex 1 value               | BOOL      | FALSE           |                              |
| TH3 to max count             |           |                 |                              |
| Reflex 0 value               | BOOL      | FALSE           |                              |
| Reflex 1 value               | BOOL      | FALSE           |                              |
| Events                       |           |                 |                              |
| Threshold 0                  | ENUM      | No              |                              |
| Threshold 1                  | ENUM      | No              |                              |
| Threshold 2                  | ENUM      | No              |                              |
| Threshold 3                  | ENUM      | No              |                              |
| External Event Configuration |           |                 |                              |
| HSC Main Id                  | ENUM      | None            |                              |
| Threshold 0 External Event   | STRING    | "               |                              |
| Threshold 1 External Event   |           | "               |                              |
| Threshold 2 External Event   | STRING    | "               |                              |
| Threshold 3 External Event   | STRING    | "               |                              |
| Reflex 1 output              |           |                 |                              |
| Reflex 1 output History      | STRING    | 'old=-1 new=-1' |                              |
| Reflex 0 output              |           |                 |                              |
| Reflex 0 output History      | STRING    | 'old=-1 new=-1' |                              |
| CAP input                    |           |                 |                              |
| CAP input History            | STRING    | 'old=-1 new=-1' |                              |
| SYNC input                   | 0.75.11.0 |                 |                              |
| SYNC input History           | STRING    | 'old=-1 new=-1' |                              |
| B input                      | 0.75.11.0 |                 |                              |
| B input History              | STRING    | 'old=-1 new=-1' |                              |
| A input                      | 0.701110  |                 |                              |
| A input History              | STRING    | 'old=-1 new=-1' |                              |
| General                      | 0.75.1.10 | "               |                              |
| Temporary Instance name      | STRING    |                 |                              |
| Instance name                | STRING    |                 |                              |
| A input                      |           | D'a data d      |                              |
| Location                     | ENUM      | Disabled        |                              |
| Bounce filter                | ENUM      | 0.002           |                              |
| Range                        | ENIL IN A | 1000            |                              |
| Time base                    | ENUM      | 1000            |                              |
| EN input                     | - NII 184 | Disabled        |                              |
| Location                     | ENUM      | Disabled        |                              |
| Bounce filter                | ENUM      | 0.002           |                              |
|                              |           |                 |                              |

| Visible None                  | Dans T              | 1/0/                     | Defects I/alice (if different) |
|-------------------------------|---------------------|--------------------------|--------------------------------|
| Visible Name EN input History | Base Type<br>STRING | value<br>'old=-1 new=-1' | Default Value (if different)   |
| A input                       | OTTAING             | old—Tricw—T              |                                |
| A input History               | STRING              | 'old=-1 new=-1'          |                                |
| General                       |                     |                          |                                |
| Temporary Instance name       | STRING              | "                        |                                |
| Instance name                 | STRING              | "                        |                                |
| PeriodMeter Mode              | ENUM                | Edge to Edge             |                                |
| A input<br>Location           | ENUM                | Disabled                 |                                |
| Bounce filter                 | ENUM                | 0.002                    |                                |
| Range                         | LIVOIVI             | 0.002                    |                                |
| Resolution                    | ENUM                | 1                        |                                |
| Timeout                       | DWORD               | 0                        |                                |
| EN input                      |                     |                          |                                |
| Location                      | ENUM                | Disabled                 |                                |
| Bounce filter                 | ENUM                | 0.002                    |                                |
| EN input History<br>A input   | STRING              | 'old=-1 new=-1'          |                                |
| A input History               | STRING              | 'old=-1 new=-1'          |                                |
| General                       | OTTING              | old Thew I               |                                |
| Temporary Instance name       | STRING              | II .                     |                                |
| Counting function             | ENUM                | None                     |                                |
| InstanceNumber                | SINT                | 4                        |                                |
| Instance name                 | STRING              | "                        |                                |
| Counting Mode                 | ENUM                | One-shot                 |                                |
| A input<br>Location           | ENUM                | Disabled                 |                                |
| Bounce filter                 | ENUM                | 0.002                    |                                |
| Range                         | LINOW               | 0.002                    |                                |
| Preset                        | DWORD               | 2147483647               |                                |
| A input                       |                     |                          |                                |
| A input History               | STRING              | 'old=-1 new=-1'          |                                |
| General                       |                     | "                        |                                |
| Temporary Instance name       | STRING              | "                        |                                |
| Instance name Counting Mode   | STRING<br>ENUM      | One-shot                 |                                |
| A input                       | LINOW               | One-snot                 |                                |
| Location                      | ENUM                | Disabled                 |                                |
| Bounce filter                 | ENUM                | 0.002                    |                                |
| Range                         |                     |                          |                                |
| Preset                        | DWORD               | 2147483647               |                                |
| Time base                     | ENUM                | 1                        |                                |
| EN input                      |                     | Disabled                 |                                |
| Location<br>Bounce filter     | ENUM<br>ENUM        | 0.002                    |                                |
| SYNC input                    | LINOW               | 0.002                    |                                |
| Location                      | ENUM                | Disabled                 |                                |
| Bounce filter                 | ENUM                | 0.002                    |                                |
| Preset condition              | ENUM                | SYNC Rising              |                                |
| CAP input                     |                     |                          |                                |
| Location                      | ENUM                | Disabled                 |                                |
| Bounce filter                 | ENUM                | 0.002                    |                                |
| Capture<br>Mode               | ENUM                | Preset                   |                                |
| Thresholds                    | LINOW               | 1 16361                  |                                |
| Number of thresholds          | ENUM                | 0                        |                                |
| Threshold 0 value             | DWORD               | 0                        |                                |
| Threshold 1 value             | DWORD               | 0                        |                                |
| Threshold 2 value             | DWORD               | 0                        |                                |
|                               |                     |                          |                                |

| 1.0.0.0.0.0                                |                    |                   | D 6 1111 116 1166 11         |
|--|--------------------|-------------------|------------------------------|
| Visible Name Threshold 3 value             | Base Type<br>DWORD | <i>Value</i><br>0 | Default Value (if different) |
| Reflex 0 output                            | DWOND              | U                 |                              |
| Location                                   | ENUM               | Disabled          |                              |
| Reflex 1 output                            |                    |                   |                              |
| Location                                   | ENUM               | Disabled          |                              |
| Intervals                                  |                    |                   |                              |
| Min count to TH0 Reflex 0 value            | BOOL               | FALSE             |                              |
| Reflex 1 value                             | BOOL               | FALSE             |                              |
| TH0 to TH1                                 | DOOL               | 171202            |                              |
| Reflex 0 value                             | BOOL               | FALSE             |                              |
| Reflex 1 value                             | BOOL               | FALSE             |                              |
| TH1 to TH2                                 | DOOL               | EALCE             |                              |
| Reflex 0 value<br>Reflex 1 value           | BOOL<br>BOOL       | FALSE<br>FALSE    |                              |
| TH2 to TH3                                 | DOOL               | IALOL             |                              |
| Reflex 0 value                             | BOOL               | FALSE             |                              |
| Reflex 1 value                             | BOOL               | FALSE             |                              |
| TH3 to max count                           |                    |                   |                              |
| Reflex 1 value                             | BOOL               | FALSE             |                              |
| Reflex 1 value Events                      | BOOL               | FALSE             |                              |
| Stop Event                                 | ENUM               | No                |                              |
| Threshold 0                                | ENUM               | No                |                              |
| Threshold 1                                | ENUM               | No                |                              |
| Threshold 2                                | ENUM               | No                |                              |
| Threshold 3 External Event Configuration   | ENUM               | No                |                              |
| HSC Main Id                                | ENUM               | None              |                              |
| Stop External Event                        | STRING             | "                 |                              |
| Threshold 0 External Event                 | STRING             | "                 |                              |
| Threshold 1 External Event                 | STRING             | "                 |                              |
| Threshold 2 External Event                 | STRING             | "                 |                              |
| Threshold 3 External Event Reflex 1 output | STRING             |                   |                              |
| Reflex 1 output History                    | STRING             | 'old=-1 new=-1'   |                              |
| Reflex 0 output                            |                    |                   |                              |
| Reflex 0 output History                    | STRING             | 'old=-1 new=-1'   |                              |
| CAP input                                  |                    |                   |                              |
| CAP input History                          | STRING             | 'old=-1 new=-1'   |                              |
| SYNC input<br>SYNC input History           | STRING             | 'old=-1 new=-1'   |                              |
| EN input                                   | OTTAING            | old1 flcw1        |                              |
| EN input History                           | STRING             | 'old=-1 new=-1'   |                              |
| A input                                    |                    |                   |                              |
| A input History                            | STRING             | 'old=-1 new=-1'   |                              |
| General                                    | CTDING             |                   |                              |
| Temporary Instance name<br>Instance name   | STRING<br>STRING   | "                 |                              |
| Counting Mode                              | ENUM               | Modulo-loop       |                              |
| Input Mode                                 | ENUM               | A=UP, B=DOWN      |                              |
| A input                                    |                    |                   |                              |
| Location                                   | ENUM               | Disabled          |                              |
| Bounce filter                              | ENUM               | 0.002             |                              |
| B input<br>Location                        | ENUM               | Disabled          |                              |
| Bounce filter                              | ENUM               | 0.002             |                              |
| Range                                      |                    |                   |                              |
| Preset                                     | DINT               | 2147483647        |                              |
|  |                    |                   |                              |

|   |              |   | - 4 1.14 Ma 114 N            |
|---|--------------|---|------------------------------|
| Visible Name                            | Base Type    | Value                                   | Default Value (if different) |
| Limits<br>SYNC input                    | ENUM         | Lock on limits                          |                              |
| Location                                | ENUM         | Disabled                                |                              |
| Bounce filter                           | ENUM         | 0.002                                   |                              |
| Preset condition                        | ENUM         | SYNC Rising                             |                              |
| CAP input                               |              | - · · · · · · · · · · · · · · · · · · · |                              |
| Location                                | ENUM         | Disabled                                |                              |
| Bounce filter                           | ENUM         | 0.002                                   |                              |
| Capture                                 |              |   |                              |
| Mode                                    | ENUM         | Preset                                  |                              |
| Thresholds                              |              |   |                              |
| Number of thresholds                    | ENUM         | 0                                       |                              |
| Threshold 0 value                       | DINT         | 0                                       |                              |
| Threshold 1 value                       | DINT         | 0                                       |                              |
| Threshold 2 value Threshold 3 value     | DINT<br>DINT | 0<br>0                                  |                              |
| Reflex 0 output                         | DINI         | U                                       |                              |
| Location                                | ENUM         | Disabled                                |                              |
| Reflex 1 output                         | 2.10         | Dicabica                                |                              |
| Location                                | ENUM         | Disabled                                |                              |
| Intervals                               |              |   |                              |
| Min count to TH0                        |              |   |                              |
| Reflex 0 value                          | BOOL         | FALSE                                   |                              |
| Reflex 1 value                          | BOOL         | FALSE                                   |                              |
| TH0 to TH1                              | D001         | EALOE                                   |                              |
| Reflex 1 value                          | BOOL         | FALSE                                   |                              |
| Reflex 1 value<br>TH1 to TH2            | BOOL         | FALSE                                   |                              |
| Reflex 0 value                          | BOOL         | FALSE                                   |                              |
| Reflex 1 value                          | BOOL         | FALSE                                   |                              |
| TH2 to TH3                              |              |   |                              |
| Reflex 0 value                          | BOOL         | FALSE                                   |                              |
| Reflex 1 value                          | BOOL         | FALSE                                   |                              |
| TH3 to max count                        |              |   |                              |
| Reflex 0 value                          | BOOL         | FALSE                                   |                              |
| Reflex 1 value                          | BOOL         | FALSE                                   |                              |
| Events Threshold 0                      | ENUM         | No                                      |                              |
| Threshold 1                             | ENUM         | No                                      |                              |
| Threshold 2                             | ENUM         | No                                      |                              |
| Threshold 3                             | ENUM         | No                                      |                              |
| External Event Configuration            |              |   |                              |
| HSC Main Id                             | ENUM         | None                                    |                              |
| Threshold 0 External Event              | STRING       | "                                       |                              |
| Threshold 1 External Event              | STRING       | "                                       |                              |
| Threshold 2 External Event              | STRING       | "                                       |                              |
| Threshold 3 External Event              | STRING       | "                                       |                              |
| Reflex 1 output Reflex 1 output History | STRING       | 'old=-1 new=-1'                         |                              |
| Reflex 0 output                         | STAING       | olu i ilew i                            |                              |
| Reflex 0 output History                 | STRING       | 'old=-1 new=-1'                         |                              |
| CAP input                               |              |   |                              |
| CAP input History                       | STRING       | 'old=-1 new=-1'                         |                              |
| SYNC input                              |              |   |                              |
| SYNC input History                      | STRING       | 'old=-1 new=-1'                         |                              |
| B input                                 | OTENIA       |   |                              |
| B input History                         | STRING       | 'old=-1 new=-1'                         |                              |
| A input A input History                 | STRING       | 'old=-1 new=-1'                         |                              |
| A input i listory                       | STAING       | 01u 1 110w1                             |                              |

| <i>Visible Name</i><br>General               | Base Type        | Value             | Default Value (if different) |
|--|------------------|-------------------|------------------------------|
| Temporary Instance name Instance name        | STRING<br>STRING | " "               |                              |
| A input                                      | EN11184          | B: 11 1           |                              |
| Location<br>Bounce filter                    | ENUM<br>ENUM     | Disabled<br>0.002 |                              |
| Range<br>Time base                           | ENUM             | 1000              |                              |
| EN input                                     | LIVOW            | 1000              |                              |
| Location<br>Bounce filter                    | ENUM<br>ENUM     | Disabled<br>0.002 |                              |
| EN input History                             | STRING           | 'old=-1 new=-1'   |                              |
| A input Liston                               | CTDING           | 'old=-1 new=-1'   |                              |
| A input History<br>General                   | STRING           | oidi riewi        |                              |
| Temporary Instance name                      | STRING           |                   |                              |
| Instance name PeriodMeter Mode               | STRING<br>ENUM   | "<br>Edge to Edge |                              |
| A input                                      | LIVOIVI          | Lage to Lage      |                              |
| Location                                     | ENUM             | Disabled          |                              |
| Bounce filter<br>Range                       | ENUM             | 0.002             |                              |
| Resolution                                   | ENUM             | 1                 |                              |
| Timeout                                      | DWORD            | 0                 |                              |
| EN input<br>Location                         | ENUM             | Disabled          |                              |
| Bounce filter                                | ENUM             | 0.002             |                              |
| EN input History<br>A input                  | STRING           | 'old=-1 new=-1'   |                              |
| A input History                              | STRING           | 'old=-1 new=-1'   |                              |
| General                                      |                  |                   |                              |
| Temporary Instance name<br>Counting function | STRING<br>ENUM   | "<br>None         |                              |
| InstanceNumber                               | SINT             | 5                 |                              |
| Instance name                                | STRING           | "                 |                              |
| Counting Mode A input                        | ENUM             | One-shot          |                              |
| Location                                     | ENUM             | Disabled          |                              |
| Bounce filter                                | ENUM             | 0.002             |                              |
| Range<br>Preset                              | DWORD            | 2147483647        |                              |
| A input                                      |                  |                   |                              |
| A input History<br>General                   | STRING           | 'old=-1 new=-1'   |                              |
| Temporary Instance name                      | STRING           | "                 |                              |
| Instance name                                | STRING           | "                 |                              |
| Counting Mode A input                        | ENUM             | One-shot          |                              |
| Location                                     | ENUM             | Disabled          |                              |
| Bounce filter                                | ENUM             | 0.002             |                              |
| Range<br>Preset                              | DWORD            | 2147483647        |                              |
| Time base                                    | ENUM             | 1                 |                              |
| EN input                                     |                  | Disabled          |                              |
| Location<br>Bounce filter                    | ENUM<br>ENUM     | Disabled<br>0.002 |                              |
| SYNC input                                   |                  |                   |                              |
| Location<br>Bounce filter                    | ENUM<br>ENUM     | Disabled<br>0.002 |                              |
| Donne milel                                  | LINUIVI          | 0.002             |                              |

| Visible Name                     | Base Type         | Value           | Default Value (if different) |
|----------------------------------|-------------------|-----------------|------------------------------|
| Preset condition                 | ENUM              | SYNC Rising     | Boladit Value (II amoromy    |
| CAP input                        |                   | 5               |                              |
| Location                         | ENUM              | Disabled        |                              |
| Bounce filter                    | ENUM              | 0.002           |                              |
| Capture                          |                   |                 |                              |
| Mode                             | ENUM              | Preset          |                              |
| Thresholds                       |                   |                 |                              |
| Number of thresholds             | ENUM              | 0               |                              |
| Threshold 0 value                | DWORD             | 0               |                              |
| Threshold 1 value                | DWORD             | 0               |                              |
| Threshold 2 value                | DWORD             | 0               |                              |
| Threshold 3 value                | DWORD             | 0               |                              |
| Reflex 0 output                  |                   | Disabled        |                              |
| Location Reflex 1 output         | ENUM              | Disabled        |                              |
| Location                         | ENUM              | Disabled        |                              |
| Intervals                        | LINOW             | Disabled        |                              |
| Min count to TH0                 |                   |                 |                              |
| Reflex 0 value                   | BOOL              | FALSE           |                              |
| Reflex 1 value                   | BOOL              | FALSE           |                              |
| TH0 to TH1                       |                   |                 |                              |
| Reflex 0 value                   | BOOL              | FALSE           |                              |
| Reflex 1 value                   | BOOL              | FALSE           |                              |
| TH1 to TH2                       |                   |                 |                              |
| Reflex 0 value                   | BOOL              | FALSE           |                              |
| Reflex 1 value                   | BOOL              | FALSE           |                              |
| TH2 to TH3                       |                   |                 |                              |
| Reflex 0 value                   | BOOL              | FALSE           |                              |
| Reflex 1 value                   | BOOL              | FALSE           |                              |
| TH3 to max count                 | DO01              | EALOE           |                              |
| Reflex 0 value                   | BOOL              | FALSE           |                              |
| Reflex 1 value                   | BOOL              | FALSE           |                              |
| Events<br>Stop Event             | ENUM              | No              |                              |
| Threshold 0                      | ENUM              | No              |                              |
| Threshold 1                      | ENUM              | No              |                              |
| Threshold 2                      | ENUM              | No              |                              |
| Threshold 3                      | ENUM              | No              |                              |
| External Event Configuration     |                   |                 |                              |
| HSC Main Id                      | ENUM              | None            |                              |
| Stop External Event              | STRING            | II .            |                              |
| Threshold 0 External Event       | STRING            | "               |                              |
| Threshold 1 External Event       | STRING            | "               |                              |
| Threshold 2 External Event       |                   | "               |                              |
| Threshold 3 External Event       | STRING            | "               |                              |
| Reflex 1 output                  |                   |                 |                              |
| Reflex 1 output History          | STRING            | 'old=-1 new=-1' |                              |
| Reflex 0 output                  | 0.701110          |                 |                              |
| Reflex 0 output History          | STRING            | 'old=-1 new=-1' |                              |
| CAP input                        | CTDING            | a d= 1 1        |                              |
| CAP input History                | STRING            | 'old=-1 new=-1' |                              |
| SYNC input<br>SYNC input History | STRING            | 'old=-1 new=-1' |                              |
| EN input                         | STRING            | olu i ilew i    |                              |
| EN input History                 | STRING            | 'old=-1 new=-1' |                              |
| A input                          | 511111 <b>1</b> G | JIG THOWT       |                              |
| A input History                  | STRING            | 'old=-1 new=-1' |                              |
| General                          |                   |                 |                              |
| Temporary Instance name          | STRING            | m .             |                              |
|                                  |                   |                 |                              |

| Visible Name                       | Base Type    | Value                       | Default Value (if different) |
|------------------------------------|--------------|-----------------------------|------------------------------|
| Instance name                      | STRING       | "                           |                              |
| Counting Mode                      | ENUM<br>ENUM | Modulo-loop<br>A=UP, B=DOWN |                              |
| Input Mode<br>A input              | ENOW         | A-UP, D-DOWN                |                              |
| Location                           | ENUM         | Disabled                    |                              |
| Bounce filter                      | ENUM         | 0.002                       |                              |
| B input                            |              |                             |                              |
| Location                           | ENUM         | Disabled                    |                              |
| Bounce filter                      | ENUM         | 0.002                       |                              |
| Range                              |              |                             |                              |
| Preset                             | DINT         | 2147483647                  |                              |
| Limits                             | ENUM         | Lock on limits              |                              |
| SYNC input                         |              | D: 11 1                     |                              |
| Location                           | ENUM         | Disabled                    |                              |
| Bounce filter                      | ENUM         | 0.002                       |                              |
| Preset condition CAP input         | ENUM         | SYNC Rising                 |                              |
| Location                           | ENUM         | Disabled                    |                              |
| Bounce filter                      | ENUM         | 0.002                       |                              |
| Capture                            | LIVOW        | 0.002                       |                              |
| Mode                               | ENUM         | Preset                      |                              |
| Thresholds                         | _            |                             |                              |
| Number of thresholds               | ENUM         | 0                           |                              |
| Threshold 0 value                  | DINT         | 0                           |                              |
| Threshold 1 value                  | DINT         | 0                           |                              |
| Threshold 2 value                  | DINT         | 0                           |                              |
| Threshold 3 value                  | DINT         | 0                           |                              |
| Reflex 0 output                    |              | 5:                          |                              |
| Location                           | ENUM         | Disabled                    |                              |
| Reflex 1 output                    | ENILINA.     | Disabled                    |                              |
| Location<br>Intervals              | ENUM         | Disabled                    |                              |
| Min count to TH0                   |              |                             |                              |
| Reflex 0 value                     | BOOL         | FALSE                       |                              |
| Reflex 1 value                     | BOOL         | FALSE                       |                              |
| TH0 to TH1                         | 2002         |                             |                              |
| Reflex 0 value                     | BOOL         | FALSE                       |                              |
| Reflex 1 value                     | BOOL         | FALSE                       |                              |
| TH1 to TH2                         |              |                             |                              |
| Reflex 0 value                     | BOOL         | FALSE                       |                              |
| Reflex 1 value                     | BOOL         | FALSE                       |                              |
| TH2 to TH3                         | 2001         |                             |                              |
| Reflex 0 value                     | BOOL         | FALSE                       |                              |
| Reflex 1 value<br>TH3 to max count | BOOL         | FALSE                       |                              |
| Reflex 0 value                     | BOOL         | FALSE                       |                              |
| Reflex 1 value                     | BOOL         | FALSE                       |                              |
| Events                             | DOOL         | IALOL                       |                              |
| Threshold 0                        | ENUM         | No                          |                              |
| Threshold 1                        | ENUM         | No                          |                              |
| Threshold 2                        | ENUM         | No                          |                              |
| Threshold 3                        | ENUM         | No                          |                              |
| External Event Configuration       |              |                             |                              |
| HSC Main Id                        | ENUM         | None                        |                              |
| Threshold 0 External Event         | STRING       | "                           |                              |
| Threshold 1 External Event         | STRING       |                             |                              |
| Threshold 2 External Event         | STRING       | "                           |                              |
| Threshold 3 External Event         | STRING       |                             |                              |
| Reflex 1 output                    |              |                             |                              |

| Visible Name                            | Base Type    |                   | Default Value (if different) |
|---|--------------|-------------------|------------------------------|
| Reflex 1 output History                 | STRING       | 'old=-1 new=-1'   |                              |
| Reflex 0 output Reflex 0 output History | STRING       | 'old=-1 new=-1'   |                              |
| CAP input                               | OTTAING      | old1 flcw1        |                              |
| CAP input History                       | STRING       | 'old=-1 new=-1'   |                              |
| SYNC input                              |              |                   |                              |
| SYNC input History                      | STRING       | 'old=-1 new=-1'   |                              |
| B input                                 | OTDINO       |                   |                              |
| B input History<br>A input              | STRING       | 'old=-1 new=-1'   |                              |
| A input History                         | STRING       | 'old=-1 new=-1'   |                              |
| General                                 | 0111110      | old Thom          |                              |
| Temporary Instance name                 | STRING       | "                 |                              |
| Instance name                           | STRING       | II .              |                              |
| A input                                 |              | 5                 |                              |
| Location                                | ENUM         | Disabled          |                              |
| Bounce filter<br>Range                  | ENUM         | 0.002             |                              |
| Time base                               | ENUM         | 1000              |                              |
| EN input                                |              |                   |                              |
| Location                                | ENUM         | Disabled          |                              |
| Bounce filter                           | ENUM         | 0.002             |                              |
| EN input History                        | STRING       | 'old=-1 new=-1'   |                              |
| A input History                         | STRING       | 'old=-1 new=-1'   |                              |
| A input History<br>General              | STRING       | olu i ilew i      |                              |
| Temporary Instance name                 | STRING       |                   |                              |
| Instance name                           | STRING       | m .               |                              |
| PeriodMeter Mode                        | ENUM         | Edge to Edge      |                              |
| A input                                 |              |                   |                              |
| Location                                | ENUM         | Disabled          |                              |
| Bounce filter                           | ENUM         | 0.002             |                              |
| Range<br>Resolution                     | ENUM         | 1                 |                              |
| Timeout                                 | DWORD        | 0                 |                              |
| EN input                                |              |                   |                              |
| Location                                | ENUM         | Disabled          |                              |
| Bounce filter                           | ENUM         | 0.002             |                              |
| EN input History                        | STRING       | 'old=-1 new=-1'   |                              |
| A input                                 | CTDING       | ald= 1 nove= 1    |                              |
| A input History<br>General              | STRING       | 'old=-1 new=-1'   |                              |
| Temporary Instance name                 | STRING       | m .               |                              |
| Counting function                       | ENUM         | None              |                              |
| InstanceNumber                          | SINT         | 6                 |                              |
| Instance name                           | STRING       | II .              |                              |
| Counting Mode                           | ENUM         | One-shot          |                              |
| A input                                 |              | Dischlad          |                              |
| Location<br>Bounce filter               | ENUM<br>ENUM | Disabled<br>0.002 |                              |
| Range                                   | LINOW        | 0.002             |                              |
| Preset                                  | DWORD        | 2147483647        |                              |
| A input                                 |              |                   |                              |
| A input History                         | STRING       | 'old=-1 new=-1'   |                              |
| General                                 | 0.700        |                   |                              |
| Temporary Instance name                 | STRING       | "                 |                              |
| Instance name                           | STRING       |                   |                              |
| Counting Mode A input                   | ENUM         | One-shot          |                              |
| 7. Input                                |              |                   |                              |

| Visible Name                     | Base Type      | Value           | Default Value (if different)  |
|----------------------------------|----------------|-----------------|-------------------------------|
| Location                         | ENUM           | Disabled        | Delault Value (Il ullierellt) |
| Bounce filter                    | ENUM           | 0.002           |                               |
| Range                            | 2.10           | 0.002           |                               |
| Preset                           | DWORD          | 2147483647      |                               |
| Time base                        | ENUM           | 1               |                               |
| EN input                         |                |                 |                               |
| Location                         | ENUM           | Disabled        |                               |
| Bounce filter                    | ENUM           | 0.002           |                               |
| SYNC input                       |                |                 |                               |
| Location                         | ENUM           | Disabled        |                               |
| Bounce filter                    | ENUM           | 0.002           |                               |
| Preset condition                 | ENUM           | SYNC Rising     |                               |
| CAP input                        |                |                 |                               |
| Location                         | ENUM           | Disabled        |                               |
| Bounce filter                    | ENUM           | 0.002           |                               |
| Capture                          | - N.II. IN A   | Daniel          |                               |
| Mode                             | ENUM           | Preset          |                               |
| Thresholds  Number of thresholds | ENUM           | 0               |                               |
| Threshold 0 value                |                | 0               |                               |
| Threshold 1 value                | DWORD<br>DWORD | 0               |                               |
| Threshold 2 value                | DWORD          | 0               |                               |
| Threshold 3 value                | DWORD          | 0               |                               |
| Reflex 0 output                  | BITOTE         | •               |                               |
| Location                         | ENUM           | Disabled        |                               |
| Reflex 1 output                  |                | 2.002.00        |                               |
| Location                         | ENUM           | Disabled        |                               |
| Intervals                        |                |                 |                               |
| Min count to TH0                 |                |                 |                               |
| Reflex 0 value                   | BOOL           | FALSE           |                               |
| Reflex 1 value                   | BOOL           | FALSE           |                               |
| TH0 to TH1                       |                |                 |                               |
| Reflex 0 value                   | BOOL           | FALSE           |                               |
| Reflex 1 value                   | BOOL           | FALSE           |                               |
| TH1 to TH2                       |                |                 |                               |
| Reflex 0 value                   | BOOL           | FALSE           |                               |
| Reflex 1 value                   | BOOL           | FALSE           |                               |
| TH2 to TH3                       | DOO!           | EAL CE          |                               |
| Reflex 0 value<br>Reflex 1 value | BOOL           | FALSE           |                               |
| TH3 to max count                 | BOOL           | FALSE           |                               |
| Reflex 0 value                   | BOOL           | FALSE           |                               |
| Reflex 1 value                   | BOOL           | FALSE           |                               |
| Events                           | DOOL           | TALOL           |                               |
| Stop Event                       | ENUM           | No              |                               |
| Threshold 0                      | ENUM           | No              |                               |
| Threshold 1                      | ENUM           | No              |                               |
| Threshold 2                      | ENUM           | No              |                               |
| Threshold 3                      | ENUM           | No              |                               |
| External Event Configuration     |                |                 |                               |
| HSC Main Id                      | ENUM           | None            |                               |
| Stop External Event              | STRING         | II .            |                               |
| Threshold 0 External Event       | STRING         | "               |                               |
| Threshold 1 External Event       | STRING         | "               |                               |
| Threshold 2 External Event       | STRING         | "               |                               |
| Threshold 3 External Event       | STRING         | "               |                               |
| Reflex 1 output                  | OTDING         | tata dia di     |                               |
| Reflex 1 output History          | STRING         | 'old=-1 new=-1' |                               |
| Reflex 0 output                  |                |                 |                               |

| Visible Name                    | Base Type |                 | Default Value (if different) |
|---------------------------------|-----------|-----------------|------------------------------|
| Reflex 0 output History         | STRING    | 'old=-1 new=-1' |                              |
| CAP input                       | OTDINO    | 1-1-1 4 41      |                              |
| CAP input History<br>SYNC input | STRING    | 'old=-1 new=-1' |                              |
| SYNC input History              | STRING    | 'old=-1 new=-1' |                              |
| EN input                        | OTTAING   | old—Tricw—T     |                              |
| EN input History                | STRING    | 'old=-1 new=-1' |                              |
| A input                         |           |                 |                              |
| A input History                 | STRING    | 'old=-1 new=-1' |                              |
| General                         |           |                 |                              |
| Temporary Instance name         | STRING    | "               |                              |
| Instance name                   | STRING    |                 |                              |
| Counting Mode                   | ENUM      | Modulo-loop     |                              |
| Input Mode                      | ENUM      | A=UP, B=DOWN    |                              |
| A input<br>Location             | ENUM      | Disabled        |                              |
| Bounce filter                   | ENUM      | 0.002           |                              |
| B input                         |           | 0.002           |                              |
| Location                        | ENUM      | Disabled        |                              |
| Bounce filter                   | ENUM      | 0.002           |                              |
| Range                           |           |                 |                              |
| Preset                          | DINT      | 2147483647      |                              |
| Limits                          | ENUM      | Lock on limits  |                              |
| SYNC input                      |           | 5               |                              |
| Location                        | ENUM      | Disabled        |                              |
| Bounce filter                   | ENUM      | 0.002           |                              |
| Preset condition CAP input      | ENUM      | SYNC Rising     |                              |
| Location                        | ENUM      | Disabled        |                              |
| Bounce filter                   | ENUM      | 0.002           |                              |
| Capture                         |           |                 |                              |
| Mode                            | ENUM      | Preset          |                              |
| Thresholds                      |           |                 |                              |
| Number of thresholds            | ENUM      | 0               |                              |
| Threshold 0 value               | DINT      | 0               |                              |
| Threshold 1 value               | DINT      | 0               |                              |
| Threshold 2 value               | DINT      | 0               |                              |
| Threshold 3 value               | DINT      | 0               |                              |
| Reflex 0 output<br>Location     | ENUM      | Disabled        |                              |
| Reflex 1 output                 | LINOW     | Disabled        |                              |
| Location                        | ENUM      | Disabled        |                              |
| Intervals                       |           |                 |                              |
| Min count to TH0                |           |                 |                              |
| Reflex 0 value                  | BOOL      | FALSE           |                              |
| Reflex 1 value                  | BOOL      | FALSE           |                              |
| TH0 to TH1                      |           |                 |                              |
| Reflex 0 value                  | BOOL      | FALSE           |                              |
| Reflex 1 value                  | BOOL      | FALSE           |                              |
| TH1 to TH2<br>Reflex 0 value    | BOOL      | FALSE           |                              |
| Reflex 1 value                  | BOOL      | FALSE           |                              |
| TH2 to TH3                      | BOOL      | IALOL           |                              |
| Reflex 0 value                  | BOOL      | FALSE           |                              |
| Reflex 1 value                  | BOOL      | FALSE           |                              |
| TH3 to max count                |           |                 |                              |
| Reflex 0 value                  | BOOL      | FALSE           |                              |
| Reflex 1 value                  | BOOL      | FALSE           |                              |
| Events                          |           |                 |                              |
|                                 |           |                 |                              |

| Visible Name                       | Paga Turna        | Value             | Default Value (if different) |
|------------------------------------|-------------------|-------------------|------------------------------|
| <i>Visible Name</i><br>Threshold 0 | Base Type<br>ENUM | No                | Default Value (if different) |
| Threshold 1                        | ENUM              | No                |                              |
| Threshold 2                        | ENUM              | No                |                              |
| Threshold 3                        | ENUM              | No                |                              |
| External Event Configuration       | LIVOW             | 110               |                              |
| HSC Main Id                        | ENUM              | None              |                              |
| Threshold 0 External Event         |                   | "                 |                              |
| Threshold 1 External Event         | STRING            | ·                 |                              |
| Threshold 2 External Event         |                   | ·                 |                              |
| Threshold 3 External Event         | STRING            | ··                |                              |
| Reflex 1 output                    |                   |                   |                              |
| Reflex 1 output History            | STRING            | 'old=-1 new=-1'   |                              |
| Reflex 0 output                    |                   |                   |                              |
| Reflex 0 output History            | STRING            | 'old=-1 new=-1'   |                              |
| CAP input                          |                   |                   |                              |
| CAP input History                  | STRING            | 'old=-1 new=-1'   |                              |
| SYNC input                         |                   |                   |                              |
| SYNC input History                 | STRING            | 'old=-1 new=-1'   |                              |
| B input                            |                   |                   |                              |
| B input History                    | STRING            | 'old=-1 new=-1'   |                              |
| A input                            |                   |                   |                              |
| A input History                    | STRING            | 'old=-1 new=-1'   |                              |
| General                            |                   | "                 |                              |
| Temporary Instance name            | STRING            | "                 |                              |
| Instance name                      | STRING            | "                 |                              |
| A input                            | - N.II. IN A      | District          |                              |
| Location                           | ENUM              | Disabled          |                              |
| Bounce filter                      | ENUM              | 0.002             |                              |
| Range<br>Time base                 | ENUM              | 1000              |                              |
| EN input                           | LINOW             | 1000              |                              |
| Location                           | ENUM              | Disabled          |                              |
| Bounce filter                      | ENUM              | 0.002             |                              |
| EN input History                   | STRING            | 'old=-1 new=-1'   |                              |
| A input                            |                   |                   |                              |
| A input History                    | STRING            | 'old=-1 new=-1'   |                              |
| General                            |                   |                   |                              |
| Temporary Instance name            | STRING            | "                 |                              |
| Instance name                      | STRING            | "                 |                              |
| PeriodMeter Mode                   | ENUM              | Edge to Edge      |                              |
| A input                            |                   |                   |                              |
| Location                           | ENUM              | Disabled          |                              |
| Bounce filter                      | ENUM              | 0.002             |                              |
| Range                              |                   |                   |                              |
| Resolution                         | ENUM              | 1                 |                              |
| Timeout                            | DWORD             | 0                 |                              |
| EN input                           | ENIL INA          | Disabled          |                              |
| Location<br>Bounce filter          | ENUM<br>ENUM      | Disabled<br>0.002 |                              |
| EN input History                   | STRING            | 'old=-1 new=-1'   |                              |
| A input                            | STRING            | olui ilewi        |                              |
| A input History                    | STRING            | 'old=-1 new=-1'   |                              |
| General                            | 3111110           | ora i nove i      |                              |
| Temporary Instance name            | STRING            | u .               |                              |
| Counting function                  | ENUM              | None              |                              |
| InstanceNumber                     | SINT              | 7                 |                              |
| Instance name                      | STRING            | "                 |                              |
| Counting Mode                      | ENUM              | One-shot          |                              |
| A input                            |                   |                   |                              |
| •                                  |                   |                   |                              |

| Visible Name<br>Location         | <i>Base Type</i><br>ENUM | <i>Value</i><br>Disabled | Default Value (if different) |
|----------------------------------|--------------------------|--------------------------|------------------------------|
| Bounce filter                    | ENUM                     | 0.002                    |                              |
| Range                            |                          |                          |                              |
| Preset                           | DWORD                    | 2147483647               |                              |
| A input                          |                          |                          |                              |
| A input History                  | STRING                   | 'old=-1 new=-1'          |                              |
| General                          |                          |                          |                              |
| Temporary Instance name          | STRING                   | "                        |                              |
| Instance name                    | STRING                   | "                        |                              |
| Counting Mode                    | ENUM                     | One-shot                 |                              |
| A input                          |                          |                          |                              |
| Location                         | ENUM                     | Disabled                 |                              |
| Bounce filter                    | ENUM                     | 0.002                    |                              |
| Range                            |                          |                          |                              |
| Preset                           | DWORD                    | 2147483647               |                              |
| Time base                        | ENUM                     | 1                        |                              |
| EN input                         |                          | D'a abbad                |                              |
| Location                         | ENUM                     | Disabled                 |                              |
| Bounce filter                    | ENUM                     | 0.002                    |                              |
| SYNC input                       |                          | Disabled                 |                              |
| Location                         | ENUM                     | Disabled                 |                              |
| Bounce filter Preset condition   | ENUM<br>ENUM             | 0.002                    |                              |
| CAP input                        | EINOIVI                  | SYNC Rising              |                              |
| Location                         | ENUM                     | Disabled                 |                              |
| Bounce filter                    | ENUM                     | 0.002                    |                              |
| Capture                          | LINOW                    | 0.002                    |                              |
| Mode                             | ENUM                     | Preset                   |                              |
| Thresholds                       | LINOW                    | 1 10301                  |                              |
| Number of thresholds             | ENUM                     | 0                        |                              |
| Threshold 0 value                | DWORD                    | 0                        |                              |
| Threshold 1 value                | DWORD                    | 0                        |                              |
| Threshold 2 value                | DWORD                    | 0                        |                              |
| Threshold 3 value                | DWORD                    | 0                        |                              |
| Reflex 0 output                  |                          |                          |                              |
| Location                         | ENUM                     | Disabled                 |                              |
| Reflex 1 output                  |                          |                          |                              |
| Location                         | ENUM                     | Disabled                 |                              |
| Intervals                        |                          |                          |                              |
| Min count to TH0                 |                          |                          |                              |
| Reflex 0 value                   | BOOL                     | FALSE                    |                              |
| Reflex 1 value                   | BOOL                     | FALSE                    |                              |
| TH0 to TH1                       |                          |                          |                              |
| Reflex 0 value                   | BOOL                     | FALSE                    |                              |
| Reflex 1 value                   | BOOL                     | FALSE                    |                              |
| TH1 to TH2                       |                          |                          |                              |
| Reflex 0 value                   | BOOL                     | FALSE                    |                              |
| Reflex 1 value                   | BOOL                     | FALSE                    |                              |
| TH2 to TH3                       | DOOL                     | EALOE                    |                              |
| Reflex 0 value                   | BOOL                     | FALSE                    |                              |
| Reflex 1 value                   | BOOL                     | FALSE                    |                              |
| TH3 to max count                 | POOL                     | ENICE                    |                              |
| Reflex 0 value<br>Reflex 1 value | BOOL                     | FALSE                    |                              |
| Events                           | BOOL                     | FALSE                    |                              |
| Stop Event                       | ENUM                     | No                       |                              |
| Threshold 0                      | ENUM                     | No                       |                              |
| Threshold 1                      | ENUM                     | No                       |                              |
| Threshold 2                      | ENUM                     | No                       |                              |
| THI COHOIG Z                     | E. TOW                   | . 10                     |                              |

| Visible Name                 | Base Type | Value             | Default Value (if different) |
|------------------------------|-----------|-------------------|------------------------------|
| Threshold 3                  | ENUM      | No                | Delault Value (II uniterent) |
| External Event Configuration | 2.10.11   | 110               |                              |
| HSC Main Id                  | ENUM      | None              |                              |
| Stop External Event          | STRING    | ·                 |                              |
| Threshold 0 External Event   | STRING    | "                 |                              |
| Threshold 1 External Event   | STRING    | "                 |                              |
| Threshold 2 External Event   | STRING    | "                 |                              |
| Threshold 3 External Event   | STRING    | "                 |                              |
| Reflex 1 output              |           |                   |                              |
| Reflex 1 output History      | STRING    | 'old=-1 new=-1'   |                              |
| Reflex 0 output              |           |                   |                              |
| Reflex 0 output History      | STRING    | 'old=-1 new=-1'   |                              |
| CAP input                    | OTDINIO   | talal discossi di |                              |
| CAP input History            | STRING    | 'old=-1 new=-1'   |                              |
| SYNC input                   | CTDING    | ald= 1 nave= 1    |                              |
| SYNC input History           | STRING    | 'old=-1 new=-1'   |                              |
| EN input<br>EN input History | STRING    | 'old=-1 new=-1'   |                              |
| A input                      | STRING    | olu i ilew i      |                              |
| A input History              | STRING    | 'old=-1 new=-1'   |                              |
| General                      | OTTAING   | olu1 ficw1        |                              |
| Temporary Instance name      | STRING    | II .              |                              |
| Instance name                | STRING    | "                 |                              |
| Counting Mode                | ENUM      | Modulo-loop       |                              |
| Input Mode                   | ENUM      | A=UP, B=DOWN      |                              |
| A input                      |           |                   |                              |
| Location                     | ENUM      | Disabled          |                              |
| Bounce filter                | ENUM      | 0.002             |                              |
| B input                      |           |                   |                              |
| Location                     | ENUM      | Disabled          |                              |
| Bounce filter                | ENUM      | 0.002             |                              |
| Range                        |           | 04.47.4000.47     |                              |
| Preset                       | DINT      | 2147483647        |                              |
| Limits                       | ENUM      | Lock on limits    |                              |
| SYNC input<br>Location       | ENUM      | Disabled          |                              |
| Bounce filter                | ENUM      | 0.002             |                              |
| Preset condition             | ENUM      | SYNC Rising       |                              |
| CAP input                    | LITOW     | OTTOTAINING       |                              |
| Location                     | ENUM      | Disabled          |                              |
| Bounce filter                | ENUM      | 0.002             |                              |
| Capture                      |           |                   |                              |
| Mode                         | ENUM      | Preset            |                              |
| Thresholds                   |           |                   |                              |
| Number of thresholds         | ENUM      | 0                 |                              |
| Threshold 0 value            | DINT      | 0                 |                              |
| Threshold 1 value            | DINT      | 0                 |                              |
| Threshold 2 value            | DINT      | 0                 |                              |
| Threshold 3 value            | DINT      | 0                 |                              |
| Reflex 0 output              |           | 5: 11 1           |                              |
| Location                     | ENUM      | Disabled          |                              |
| Reflex 1 output              | ENILINA.  | Disabled          |                              |
| Location                     | ENUM      | Disabled          |                              |
| Intervals Min count to TH0   |           |                   |                              |
| Reflex 0 value               | BOOL      | FALSE             |                              |
| Reflex 1 value               | BOOL      | FALSE             |                              |
| TH0 to TH1                   | 2002      |                   |                              |
| Reflex 0 value               | BOOL      | FALSE             |                              |
|                              |           | -                 |                              |

| Visible Name                            | Base Type     | Value           | Default Value (if different) |
|---|---------------|-----------------|------------------------------|
| Reflex 1 value                          | BOOL          | FALSE           | , ,                          |
| TH1 to TH2                              | DOOL          | E41.0E          |                              |
| Reflex 0 value<br>Reflex 1 value        | BOOL<br>BOOL  | FALSE<br>FALSE  |                              |
| TH2 to TH3                              | BOOL          | FALSE           |                              |
| Reflex 0 value                          | BOOL          | FALSE           |                              |
| Reflex 1 value                          | BOOL          | FALSE           |                              |
| TH3 to max count                        |               |                 |                              |
| Reflex 0 value                          | BOOL          | FALSE           |                              |
| Reflex 1 value                          | BOOL          | FALSE           |                              |
| Events                                  | ENILINA.      | No              |                              |
| Threshold 0 Threshold 1                 | ENUM<br>ENUM  | No<br>No        |                              |
| Threshold 2                             | ENUM          | No              |                              |
| Threshold 3                             | ENUM          | No              |                              |
| External Event Configuration            | _             |                 |                              |
| HSC Main Id                             | ENUM          | None            |                              |
| Threshold 0 External Event              | STRING        | "               |                              |
| Threshold 1 External Event              |               | "               |                              |
| Threshold 2 External Event              | STRING        | "               |                              |
| Threshold 3 External Event              | STRING        |                 |                              |
| Reflex 1 output Reflex 1 output History | STRING        | 'old=-1 new=-1' |                              |
| Reflex 0 output                         | OTTAIN        | old Thew I      |                              |
| Reflex 0 output History                 | STRING        | 'old=-1 new=-1' |                              |
| CAP input                               |               |                 |                              |
| CAP input History                       | STRING        | 'old=-1 new=-1' |                              |
| SYNC input                              |               |                 |                              |
| SYNC input History                      | STRING        | 'old=-1 new=-1' |                              |
| B input                                 | CTDING        | 'old=-1 new=-1' |                              |
| B input History<br>A input              | STRING        | olu i ilew i    |                              |
| A input History                         | STRING        | 'old=-1 new=-1' |                              |
| General                                 | · · · · · · · |                 |                              |
| Temporary Instance name                 | STRING        | "               |                              |
| Instance name                           | STRING        | "               |                              |
| A input                                 |               | 5               |                              |
| Location                                | ENUM          | Disabled        |                              |
| Bounce filter<br>Range                  | ENUM          | 0.002           |                              |
| Time base                               | ENUM          | 1000            |                              |
| EN input                                | LIVOW         | 1000            |                              |
| Location                                | ENUM          | Disabled        |                              |
| Bounce filter                           | ENUM          | 0.002           |                              |
| EN input History                        | STRING        | 'old=-1 new=-1' |                              |
| A input                                 |               |                 |                              |
| A input History<br>General              | STRING        | 'old=-1 new=-1' |                              |
| Temporary Instance name                 | STRING        | "               |                              |
| Instance name                           | STRING        | II .            |                              |
| PeriodMeter Mode                        | ENUM          | Edge to Edge    |                              |
| A input                                 |               | 0 0             |                              |
| Location                                | ENUM          | Disabled        |                              |
| Bounce filter                           | ENUM          | 0.002           |                              |
| Range                                   |               | _               |                              |
| Resolution                              | ENUM          | 1               |                              |
| Timeout<br>EN input                     | DWORD         | 0               |                              |
| Location                                | ENUM          | Disabled        |                              |
|   |               | 000.00          |                              |

| Visible Name                     | Paga Turna        | Valua             | Default Value (if different) |
|----------------------------------|-------------------|-------------------|------------------------------|
| Bounce filter                    | Base Type<br>ENUM | 0.002             | Default Value (if different) |
| EN input History                 | STRING            | 'old=-1 new=-1'   |                              |
| A input                          | o mara            | 014 111011 1      |                              |
| A input History                  | STRING            | 'old=-1 new=-1'   |                              |
| General                          |                   |                   |                              |
| Temporary Instance name          | STRING            | "                 |                              |
| Counting function                | ENUM              | None              |                              |
| InstanceNumber                   | SINT              | 8                 |                              |
| Instance name                    | STRING            | "                 |                              |
| Counting Mode                    | ENUM              | One-shot          |                              |
| A input                          |                   | 5                 |                              |
| Location                         | ENUM              | Disabled          |                              |
| Bounce filter                    | ENUM              | 0.002             |                              |
| Range                            | DWODD             | 0147400047        |                              |
| Preset                           | DWORD             | 2147483647        |                              |
| A input A input History          | STRING            | 'old=-1 new=-1'   |                              |
| General                          | STRING            | olui ilewi        |                              |
| Temporary Instance name          | STRING            | "                 |                              |
| Instance name                    | STRING            | "                 |                              |
| Counting Mode                    | ENUM              | One-shot          |                              |
| A input                          |                   | 0.10 0.101        |                              |
| Location                         | ENUM              | Disabled          |                              |
| Bounce filter                    | ENUM              | 0.002             |                              |
| Range                            |                   |                   |                              |
| Preset                           | DWORD             | 2147483647        |                              |
| Time base                        | ENUM              | 1                 |                              |
| EN input                         |                   |                   |                              |
| Location                         | ENUM              | Disabled          |                              |
| Bounce filter                    | ENUM              | 0.002             |                              |
| SYNC input                       |                   |                   |                              |
| Location                         | ENUM              | Disabled          |                              |
| Bounce filter                    | ENUM              | 0.002             |                              |
| Preset condition                 | ENUM              | SYNC Rising       |                              |
| CAP input                        |                   | Disabled          |                              |
| Location<br>Bounce filter        | ENUM<br>ENUM      | Disabled<br>0.002 |                              |
| Capture                          | ENUM              | 0.002             |                              |
| Mode                             | ENUM              | Preset            |                              |
| Thresholds                       | LINOW             | 1 16361           |                              |
| Number of thresholds             | ENUM              | 0                 |                              |
| Threshold 0 value                | DWORD             | 0                 |                              |
| Threshold 1 value                | DWORD             | 0                 |                              |
| Threshold 2 value                | DWORD             | 0                 |                              |
| Threshold 3 value                | DWORD             | 0                 |                              |
| Reflex 0 output                  |                   |                   |                              |
| Location                         | ENUM              | Disabled          |                              |
| Reflex 1 output                  |                   |                   |                              |
| Location                         | ENUM              | Disabled          |                              |
| Intervals                        |                   |                   |                              |
| Min count to TH0                 |                   |                   |                              |
| Reflex 0 value                   | BOOL              | FALSE             |                              |
| Reflex 1 value                   | BOOL              | FALSE             |                              |
| TH0 to TH1                       | DOO!              | EALOE             |                              |
| Reflex 0 value                   | BOOL              | FALSE             |                              |
| Reflex 1 value                   | BOOL              | FALSE             |                              |
| TH1 to TH2<br>Reflex 0 value     | ROOL              | EVICE             |                              |
| Reflex 0 value<br>Reflex 1 value | BOOL<br>BOOL      | FALSE<br>FALSE    |                              |
| neliex i value                   | DOOL              | I ALSL            |                              |

| Visible Name                     | Base Type      | Value             | Default Value (if different) |
|----------------------------------|----------------|-------------------|------------------------------|
| TH2 to TH3                       |                |                   | •                            |
| Reflex 0 value                   | BOOL           | FALSE             |                              |
| Reflex 1 value                   | BOOL           | FALSE             |                              |
| TH3 to max count                 |                |                   |                              |
| Reflex 0 value                   | BOOL           | FALSE             |                              |
| Reflex 1 value                   | BOOL           | FALSE             |                              |
| Events                           | - NII 184      | NI.               |                              |
| Stop Event                       | ENUM           | No                |                              |
| Threshold 0 Threshold 1          | ENUM           | No<br>No          |                              |
| Threshold 2                      | ENUM<br>ENUM   | No                |                              |
| Threshold 3                      | ENUM           | No                |                              |
| External Event Configuration     | LITOW          | 110               |                              |
| HSC Main Id                      | ENUM           | None              |                              |
| Stop External Event              | STRING         | "                 |                              |
| Threshold 0 External Event       | STRING         | "                 |                              |
| Threshold 1 External Event       | STRING         | "                 |                              |
| Threshold 2 External Event       | STRING         | "                 |                              |
| Threshold 3 External Event       | STRING         | "                 |                              |
| Reflex 1 output                  |                |                   |                              |
| Reflex 1 output History          | STRING         | 'old=-1 new=-1'   |                              |
| Reflex 0 output                  | 0.70.110       |                   |                              |
| Reflex 0 output History          | STRING         | 'old=-1 new=-1'   |                              |
| CAP input                        | CTDING         | -  -  1   -  -  1 |                              |
| CAP input History                | STRING         | 'old=-1 new=-1'   |                              |
| SYNC input<br>SYNC input History | STRING         | 'old=-1 new=-1'   |                              |
| EN input                         | STRING         | olu i ilew i      |                              |
| EN input History                 | STRING         | 'old=-1 new=-1'   |                              |
| A input                          | 01111110       | 010 111011        |                              |
| A input History                  | STRING         | 'old=-1 new=-1'   |                              |
| General                          |                |                   |                              |
| Temporary Instance name          | STRING         | "                 |                              |
| Instance name                    | STRING         | "                 |                              |
| Counting Mode                    | ENUM           | Modulo-loop       |                              |
| Input Mode                       | ENUM           | A=UP, B=DOWN      |                              |
| A input                          |                |                   |                              |
| Location                         | ENUM           | Disabled          |                              |
| Bounce filter                    | ENUM           | 0.002             |                              |
| B input                          | ENUM           | Disabled          |                              |
| Location<br>Bounce filter        | ENUM           | Disabled<br>0.002 |                              |
| Range                            | LINOW          | 0.002             |                              |
| Preset                           | DINT           | 2147483647        |                              |
| Limits                           | ENUM           | Lock on limits    |                              |
| SYNC input                       |                |                   |                              |
| Location                         | ENUM           | Disabled          |                              |
| Bounce filter                    | ENUM           | 0.002             |                              |
| Preset condition                 | ENUM           | SYNC Rising       |                              |
| CAP input                        |                |                   |                              |
| Location                         | ENUM           | Disabled          |                              |
| Bounce filter                    | ENUM           | 0.002             |                              |
| Capture                          | E111114        |                   |                              |
| Mode                             | ENUM           | Preset            |                              |
| Thresholds Number of thresholds  |                | 0                 |                              |
| Threshold 0 value                | ENUM<br>DINT   | 0                 |                              |
| Threshold 1 value                | DINT           | 0                 |                              |
| Threshold 2 value                | DINT           | 0                 |                              |
|                                  | · <del>-</del> |                   |                              |

| Visible Name                               | Base Type    | Value             | Default Value (if different) |
|--|--------------|-------------------|------------------------------|
| Threshold 3 value                          | DINT         | 0                 | ,                            |
| Reflex 0 output                            |              |                   |                              |
| Location                                   | ENUM         | Disabled          |                              |
| Reflex 1 output                            |              |                   |                              |
| Location                                   | ENUM         | Disabled          |                              |
| Intervals                                  |              |                   |                              |
| Min count to TH0<br>Reflex 0 value         | BOOL         | FALSE             |                              |
| Reflex 1 value                             | BOOL         | FALSE             |                              |
| TH0 to TH1                                 | BOOL         | TALOL             |                              |
| Reflex 0 value                             | BOOL         | FALSE             |                              |
| Reflex 1 value                             | BOOL         | FALSE             |                              |
| TH1 to TH2                                 |              |                   |                              |
| Reflex 0 value                             | BOOL         | FALSE             |                              |
| Reflex 1 value                             | BOOL         | FALSE             |                              |
| TH2 to TH3                                 |              |                   |                              |
| Reflex 0 value                             | BOOL         | FALSE             |                              |
| Reflex 1 value                             | BOOL         | FALSE             |                              |
| TH3 to max count                           | DOO!         | EAL CE            |                              |
| Reflex 0 value<br>Reflex 1 value           | BOOL<br>BOOL | FALSE<br>FALSE    |                              |
| Events                                     | BOOL         | FALSE             |                              |
| Threshold 0                                | ENUM         | No                |                              |
| Threshold 1                                | ENUM         | No                |                              |
| Threshold 2                                | ENUM         | No                |                              |
| Threshold 3                                | ENUM         | No                |                              |
| External Event Configuration               |              |                   |                              |
| HSC Main Id                                | ENUM         | None              |                              |
| Threshold 0 External Event                 | STRING       | "                 |                              |
| Threshold 1 External Event                 | STRING       | "                 |                              |
| Threshold 2 External Event                 | STRING       | "                 |                              |
| Threshold 3 External Event Reflex 1 output | STRING       |                   |                              |
| Reflex 1 output History                    | STRING       | 'old=-1 new=-1'   |                              |
| Reflex 0 output                            | 01111114     | 0.0 1.11011       |                              |
| Reflex 0 output History                    | STRING       | 'old=-1 new=-1'   |                              |
| CAP input                                  |              |                   |                              |
| CAP input History                          | STRING       | 'old=-1 new=-1'   |                              |
| SYNC input                                 |              |                   |                              |
| SYNC input History                         | STRING       | 'old=-1 new=-1'   |                              |
| B input                                    | OTDINIO      |                   |                              |
| B input History                            | STRING       | 'old=-1 new=-1'   |                              |
| A input A input History                    | STRING       | 'old=-1 new=-1'   |                              |
| General                                    | STAING       | Old1 Hew1         |                              |
| Temporary Instance name                    | STRING       | m .               |                              |
| Instance name                              | STRING       | "                 |                              |
| A input                                    |              |                   |                              |
| Location                                   | ENUM         | Disabled          |                              |
| Bounce filter                              | ENUM         | 0.002             |                              |
| Range                                      |              |                   |                              |
| Time base                                  | ENUM         | 1000              |                              |
| EN input<br>Location                       | ENILIM       | Disabled          |                              |
| Bounce filter                              | ENUM<br>ENUM | Disabled<br>0.002 |                              |
| EN input History                           | STRING       | 'old=-1 new=-1'   |                              |
| A input                                    | 31110        | J.G 1110W 1       |                              |
| A input History                            | STRING       | 'old=-1 new=-1'   |                              |
| General                                    |              |                   |                              |
|  |              |                   |                              |

| Valle Messes                             | S                | 17-6            | Defection (Colored)          |
|--|------------------|-----------------|------------------------------|
| Visible Name                             |                  | <i>Value</i>    | Default Value (if different) |
| Temporary Instance name<br>Instance name | STRING<br>STRING | "               |                              |
| PeriodMeter Mode                         | ENUM             | Edge to Edge    |                              |
| A input                                  | LITOW            | Lage to Lage    |                              |
| Location                                 | ENUM             | Disabled        |                              |
| Bounce filter                            | ENUM             | 0.002           |                              |
| Range                                    |                  |                 |                              |
| Resolution                               | ENUM             | 1               |                              |
| Timeout                                  | DWORD            | 0               |                              |
| EN input                                 |                  |                 |                              |
| Location                                 | ENUM             | Disabled        |                              |
| Bounce filter                            | ENUM             | 0.002           |                              |
| EN input History                         | STRING           | 'old=-1 new=-1' |                              |
| A input A input History                  | STRING           | 'old=-1 new=-1' |                              |
| General                                  | STRING           | olu i ilew i    |                              |
| Temporary Instance name                  | STRING           | ··              |                              |
| Counting function                        | ENUM             | None            |                              |
| InstanceNumber                           | SINT             | 9               |                              |
| Instance name                            | STRING           | "               |                              |
| Counting Mode                            | ENUM             | One-shot        |                              |
| A input                                  |                  |                 |                              |
| Location                                 | ENUM             | Disabled        |                              |
| Bounce filter                            | ENUM             | 0.002           |                              |
| Range                                    |                  |                 |                              |
| Preset                                   | DWORD            | 2147483647      |                              |
| A input                                  |                  |                 |                              |
| A input History                          | STRING           | 'old=-1 new=-1' |                              |
| General                                  | CTDING           | "               |                              |
| Temporary Instance name                  | STRING           |                 |                              |
| Instance name Counting Mode              | STRING<br>ENUM   | One-shot        |                              |
| A input                                  | LINOW            | One-snot        |                              |
| Location                                 | ENUM             | Disabled        |                              |
| Bounce filter                            | ENUM             | 0.002           |                              |
| Range                                    |                  |                 |                              |
| Preset                                   | DWORD            | 2147483647      |                              |
| Time base                                | ENUM             | 1               |                              |
| EN input                                 |                  |                 |                              |
| Location                                 | ENUM             | Disabled        |                              |
| Bounce filter                            | ENUM             | 0.002           |                              |
| SYNC input                               |                  | 5:              |                              |
| Location                                 | ENUM             | Disabled        |                              |
| Bounce filter Preset condition           | ENUM             | 0.002           |                              |
| CAP input                                | ENUM             | SYNC Rising     |                              |
| Location                                 | ENUM             | Disabled        |                              |
| Bounce filter                            | ENUM             | 0.002           |                              |
| Capture                                  | LITOW            | 0.002           |                              |
| Mode                                     | ENUM             | Preset          |                              |
| Thresholds                               |                  |                 |                              |
| Number of thresholds                     | ENUM             | 0               |                              |
| Threshold 0 value                        | DWORD            | 0               |                              |
| Threshold 1 value                        | DWORD            | 0               |                              |
| Threshold 2 value                        | DWORD            | 0               |                              |
| Threshold 3 value                        | DWORD            | 0               |                              |
| Reflex 0 output                          |                  |                 |                              |
| Location                                 | ENUM             | Disabled        |                              |
| Reflex 1 output                          |                  |                 |                              |

| <i>Visible Name</i><br>Location  | <i>Base Type</i><br>ENUM | <i>Value</i><br>Disabled     | Default Value (if different) |
|----------------------------------|--------------------------|------------------------------|------------------------------|
| Intervals                        | LITOW                    | Disablea                     |                              |
| Min count to TH0                 |                          |                              |                              |
| Reflex 0 value                   | BOOL                     | FALSE                        |                              |
| Reflex 1 value                   | BOOL                     | FALSE                        |                              |
| TH0 to TH1                       |                          |                              |                              |
| Reflex 0 value                   | BOOL                     | FALSE                        |                              |
| Reflex 1 value                   | BOOL                     | FALSE                        |                              |
| TH1 to TH2                       |                          |                              |                              |
| Reflex 0 value                   | BOOL                     | FALSE                        |                              |
| Reflex 1 value                   | BOOL                     | FALSE                        |                              |
| TH2 to TH3                       |                          |                              |                              |
| Reflex 0 value                   | BOOL                     | FALSE                        |                              |
| Reflex 1 value                   | BOOL                     | FALSE                        |                              |
| TH3 to max count                 | BOO!                     | EALCE.                       |                              |
| Reflex 0 value<br>Reflex 1 value | BOOL<br>BOOL             | FALSE<br>FALSE               |                              |
| Events                           | BOOL                     | FALSE                        |                              |
| Stop Event                       | ENUM                     | No                           |                              |
| Threshold 0                      | ENUM                     | No                           |                              |
| Threshold 1                      | ENUM                     | No                           |                              |
| Threshold 2                      | ENUM                     | No                           |                              |
| Threshold 3                      | ENUM                     | No                           |                              |
| External Event Configuration     | _                        |                              |                              |
| HSC Main Id                      | ENUM                     | None                         |                              |
| Stop External Event              | STRING                   | "                            |                              |
| Threshold 0 External Event       | STRING                   | "                            |                              |
| Threshold 1 External Event       | STRING                   | "                            |                              |
| Threshold 2 External Event       | STRING                   | "                            |                              |
| Threshold 3 External Event       | STRING                   | "                            |                              |
| Reflex 1 output                  |                          |                              |                              |
| Reflex 1 output History          | STRING                   | 'old=-1 new=-1'              |                              |
| Reflex 0 output                  | 0.70.110                 |                              |                              |
| Reflex 0 output History          | STRING                   | 'old=-1 new=-1'              |                              |
| CAP input                        | CTDING                   | -  -  1   -  -  1            |                              |
| CAP input History                | STRING                   | 'old=-1 new=-1'              |                              |
| SYNC input<br>SYNC input History | STRING                   | 'old=-1 new=-1'              |                              |
| EN input                         | STRING                   | olu i ilew i                 |                              |
| EN input History                 | STRING                   | 'old=-1 new=-1'              |                              |
| A input                          | OTTIITG                  | old I flow I                 |                              |
| A input History                  | STRING                   | 'old=-1 new=-1'              |                              |
| General                          |                          |                              |                              |
| Temporary Instance name          | STRING                   | "                            |                              |
| Instance name                    | STRING                   | "                            |                              |
| Counting Mode                    | ENUM                     | Modulo-loop                  |                              |
| Input Mode                       | ENUM                     | A=UP, B=DOWN                 |                              |
| A input                          |                          |                              |                              |
| Location                         | ENUM                     | Disabled                     |                              |
| Bounce filter                    | ENUM                     | 0.002                        |                              |
| B input                          |                          |                              |                              |
| Location                         | ENUM                     | Disabled                     |                              |
| Bounce filter                    | ENUM                     | 0.002                        |                              |
| Range                            | DINT                     | 2147402647                   |                              |
| Preset<br>Limits                 | ENUM                     | 2147483647<br>Lock on limits |                              |
| SYNC input                       | LINUIVI                  | LOCK OH HITIIIS              |                              |
| Location                         | ENUM                     | Disabled                     |                              |
| Bounce filter                    | ENUM                     | 0.002                        |                              |
|                                  |                          |                              |                              |

| Visible Name                      | Base Type    |                   | Default Value (if different) |
|-----------------------------------|--------------|-------------------|------------------------------|
| Preset condition                  | ENUM         | SYNC Rising       |                              |
| CAP input                         |              |                   |                              |
| Location                          | ENUM         | Disabled          |                              |
| Bounce filter                     | ENUM         | 0.002             |                              |
| Capture<br>Mode                   | ENUM         | Draget            |                              |
| Thresholds                        | ENUM         | Preset            |                              |
| Number of thresholds              | ENUM         | 0                 |                              |
| Threshold 0 value                 | DINT         | 0                 |                              |
| Threshold 1 value                 | DINT         | 0                 |                              |
| Threshold 2 value                 | DINT         | 0                 |                              |
| Threshold 3 value                 | DINT         | 0                 |                              |
| Reflex 0 output                   |              |                   |                              |
| Location                          | ENUM         | Disabled          |                              |
| Reflex 1 output                   |              |                   |                              |
| Location                          | ENUM         | Disabled          |                              |
| Intervals                         |              |                   |                              |
| Min count to TH0                  | DOO!         | EALOE             |                              |
| Reflex 0 value                    | BOOL         | FALSE             |                              |
| Reflex 1 value                    | BOOL         | FALSE             |                              |
| TH0 to TH1<br>Reflex 0 value      | BOOL         | FALSE             |                              |
| Reflex 1 value                    | BOOL         | FALSE             |                              |
| TH1 to TH2                        | DOOL         | TALOL             |                              |
| Reflex 0 value                    | BOOL         | FALSE             |                              |
| Reflex 1 value                    | BOOL         | FALSE             |                              |
| TH2 to TH3                        |              |                   |                              |
| Reflex 0 value                    | BOOL         | FALSE             |                              |
| Reflex 1 value                    | BOOL         | FALSE             |                              |
| TH3 to max count                  |              |                   |                              |
| Reflex 0 value                    | BOOL         | FALSE             |                              |
| Reflex 1 value                    | BOOL         | FALSE             |                              |
| Events                            | - N. I. I. A | NI.               |                              |
| Threshold 0<br>Threshold 1        | ENUM         | No<br>No          |                              |
| Threshold 2                       | ENUM<br>ENUM | No                |                              |
| Threshold 3                       | ENUM         | No                |                              |
| External Event Configuration      | LINOW        | 140               |                              |
| HSC Main Id                       | ENUM         | None              |                              |
| Threshold 0 External Event        | STRING       | 11                |                              |
| Threshold 1 External Event        | STRING       | "                 |                              |
| Threshold 2 External Event        | STRING       | "                 |                              |
| Threshold 3 External Event        | STRING       | "                 |                              |
| Reflex 1 output                   |              |                   |                              |
| Reflex 1 output History           | STRING       | 'old=-1 new=-1'   |                              |
| Reflex 0 output                   | CTDING       | -  -  1   -  -  1 |                              |
| Reflex 0 output History CAP input | STRING       | 'old=-1 new=-1'   |                              |
| CAP input History                 | STRING       | 'old=-1 new=-1'   |                              |
| SYNC input                        | OTTING       | old—Tricw—T       |                              |
| SYNC input History                | STRING       | 'old=-1 new=-1'   |                              |
| B input                           |              |                   |                              |
| B input History                   | STRING       | 'old=-1 new=-1'   |                              |
| A input                           |              |                   |                              |
| A input History                   | STRING       | 'old=-1 new=-1'   |                              |
| General                           |              |                   |                              |
| Temporary Instance name           | STRING       | "                 |                              |
| Instance name                     | STRING       |                   |                              |
| A input                           |              |                   |                              |

| Matter Manage                            | 5 T               | 17-7                     | Defection (if the contract)  |
|--|-------------------|--------------------------|------------------------------|
| Visible Name Location                    | Base Type<br>ENUM | <i>Value</i><br>Disabled | Default Value (if different) |
| Bounce filter                            | ENUM              | 0.002                    |                              |
| Range                                    |                   |                          |                              |
| Time base                                | ENUM              | 1000                     |                              |
| EN input                                 |                   |                          |                              |
| Location                                 | ENUM              | Disabled                 |                              |
| Bounce filter                            | ENUM              | 0.002<br>'old=-1 new=-1' |                              |
| EN input History A input                 | STRING            | olu i riew i             |                              |
| A input History                          | STRING            | 'old=-1 new=-1'          |                              |
| General                                  |                   |                          |                              |
| Temporary Instance name                  | STRING            | "                        |                              |
| Instance name                            | STRING            | "                        |                              |
| PeriodMeter Mode                         | ENUM              | Edge to Edge             |                              |
| A input                                  |                   | Disabled                 |                              |
| Location<br>Bounce filter                | ENUM<br>ENUM      | Disabled<br>0.002        |                              |
| Range                                    | LINOW             | 0.002                    |                              |
| Resolution                               | ENUM              | 1                        |                              |
| Timeout                                  | DWORD             | 0                        |                              |
| EN input                                 |                   |                          |                              |
| Location                                 | ENUM              | Disabled                 |                              |
| Bounce filter                            | ENUM              | 0.002                    |                              |
| EN input History                         | STRING            | 'old=-1 new=-1'          |                              |
| A input A input History                  | STRING            | 'old=-1 new=-1'          |                              |
| General                                  | STIMING           | olu i ilew i             |                              |
| Temporary Instance name                  | STRING            | "                        |                              |
| Counting function                        | ENUM              | None                     |                              |
| InstanceNumber                           | SINT              | 10                       |                              |
| Instance name                            | STRING            | "                        |                              |
| Counting Mode                            | ENUM              | One-shot                 |                              |
| A input<br>Location                      | ENUM              | Disabled                 |                              |
| Bounce filter                            | ENUM              | 0.002                    |                              |
| Range                                    | LIVOW             | 0.002                    |                              |
| Preset                                   | DWORD             | 2147483647               |                              |
| A input                                  |                   |                          |                              |
| A input History                          | STRING            | 'old=-1 new=-1'          |                              |
| General                                  | OTDINO            | "                        |                              |
| Temporary Instance name<br>Instance name | STRING<br>STRING  | "                        |                              |
| Counting Mode                            | ENUM              | One-shot                 |                              |
| A input                                  | LINOW             | 0110-31101               |                              |
| Location                                 | ENUM              | Disabled                 |                              |
| Bounce filter                            | ENUM              | 0.002                    |                              |
| Range                                    |                   |                          |                              |
| Preset                                   | DWORD             | 2147483647               |                              |
| Time base<br>EN input                    | ENUM              | 1                        |                              |
| Location                                 | ENUM              | Disabled                 |                              |
| Bounce filter                            | ENUM              | 0.002                    |                              |
| SYNC input                               |                   |                          |                              |
| Location                                 | ENUM              | Disabled                 |                              |
| Bounce filter                            | ENUM              | 0.002                    |                              |
| Preset condition                         | ENUM              | SYNC Rising              |                              |
| CAP input<br>Location                    | ENUM              | Disabled                 |                              |
| Bounce filter                            | ENUM              | 0.002                    |                              |
| 2000001                                  |                   |                          |                              |

| <i>Visible Name</i> Capture    | Base Type | Value           | Default Value (if different) |
|--------------------------------|-----------|-----------------|------------------------------|
| Mode                           | ENUM      | Preset          |                              |
| Thresholds                     | _         |                 |                              |
| Number of thresholds           | ENUM      | 0               |                              |
| Threshold 0 value              | DWORD     | 0               |                              |
| Threshold 1 value              | DWORD     | 0               |                              |
| Threshold 2 value              | DWORD     | 0               |                              |
| Threshold 3 value              | DWORD     | 0               |                              |
| Reflex 0 output                |           |                 |                              |
| Location                       | ENUM      | Disabled        |                              |
| Reflex 1 output                |           |                 |                              |
| Location                       | ENUM      | Disabled        |                              |
| Intervals                      |           |                 |                              |
| Min count to TH0               |           |                 |                              |
| Reflex 0 value                 | BOOL      | FALSE           |                              |
| Reflex 1 value                 | BOOL      | FALSE           |                              |
| TH0 to TH1                     |           |                 |                              |
| Reflex 0 value                 | BOOL      | FALSE           |                              |
| Reflex 1 value                 | BOOL      | FALSE           |                              |
| TH1 to TH2                     |           |                 |                              |
| Reflex 0 value                 | BOOL      | FALSE           |                              |
| Reflex 1 value                 | BOOL      | FALSE           |                              |
| TH2 to TH3                     |           |                 |                              |
| Reflex 0 value                 | BOOL      | FALSE           |                              |
| Reflex 1 value                 | BOOL      | FALSE           |                              |
| TH3 to max count               | DOO!      | EALCE           |                              |
| Reflex 0 value                 | BOOL      | FALSE           |                              |
| Reflex 1 value Events          | BOOL      | FALSE           |                              |
| Stop Event                     | ENUM      | No              |                              |
| Threshold 0                    | ENUM      | No              |                              |
| Threshold 1                    | ENUM      | No              |                              |
| Threshold 2                    | ENUM      | No              |                              |
| Threshold 3                    | ENUM      | No              |                              |
| External Event Configuration   |           |                 |                              |
| HSC Main Id                    | ENUM      | None            |                              |
| Stop External Event            | STRING    | "               |                              |
| Threshold 0 External Event     | STRING    | "               |                              |
| Threshold 1 External Event     | STRING    | "               |                              |
| Threshold 2 External Event     | STRING    | "               |                              |
| Threshold 3 External Event     | STRING    | "               |                              |
| Reflex 1 output                |           |                 |                              |
| Reflex 1 output History        | STRING    | 'old=-1 new=-1' |                              |
| Reflex 0 output                |           |                 |                              |
| Reflex 0 output History        | STRING    | 'old=-1 new=-1' |                              |
| CAP input                      | OTDINIO   |                 |                              |
| CAP input History              | STRING    | 'old=-1 new=-1' |                              |
| SYNC input History             | CTDING    | 'old=-1 new=-1' |                              |
| SYNC input History<br>EN input | STRING    | olu i flew i    |                              |
| EN input History               | STRING    | 'old=-1 new=-1' |                              |
| A input                        | STAING    | olu i fiew i    |                              |
| A input History                | STRING    | 'old=-1 new=-1' |                              |
| General                        | OTTIMA    | old I llow I    |                              |
| Temporary Instance name        | STRING    | "               |                              |
| Instance name                  | STRING    | "               |                              |
| Counting Mode                  | ENUM      | Modulo-loop     |                              |
| Input Mode                     | ENUM      | A=UP, B=DOWN    |                              |
| A input                        |           |                 |                              |
|                                |           |                 |                              |

| Visible Name                 | Base Type    | Value           | Default Value (if different) |
|------------------------------|--------------|-----------------|------------------------------|
| Location                     | ENUM         | Disabled        |                              |
| Bounce filter                | ENUM         | 0.002           |                              |
| B input                      |              |                 |                              |
| Location                     | ENUM         | Disabled        |                              |
| Bounce filter                | ENUM         | 0.002           |                              |
| Range                        |              |                 |                              |
| Preset                       | DINT         | 2147483647      |                              |
| Limits                       | ENUM         | Lock on limits  |                              |
| SYNC input                   |              |                 |                              |
| Location                     | ENUM         | Disabled        |                              |
| Bounce filter                | ENUM         | 0.002           |                              |
| Preset condition             | ENUM         | SYNC Rising     |                              |
| CAP input                    |              |                 |                              |
| Location                     | ENUM         | Disabled        |                              |
| Bounce filter                | ENUM         | 0.002           |                              |
| Capture                      |              |                 |                              |
| Mode                         | ENUM         | Preset          |                              |
| Thresholds                   |              |                 |                              |
| Number of thresholds         | ENUM         | 0               |                              |
| Threshold 0 value            | DINT         | 0               |                              |
| Threshold 1 value            | DINT         | 0               |                              |
| Threshold 2 value            | DINT         | 0               |                              |
| Threshold 3 value            | DINT         | 0               |                              |
| Reflex 0 output              |              |                 |                              |
| Location                     | ENUM         | Disabled        |                              |
| Reflex 1 output              |              |                 |                              |
| Location                     | ENUM         | Disabled        |                              |
| Intervals                    |              |                 |                              |
| Min count to TH0             | 2001         |                 |                              |
| Reflex 0 value               | BOOL         | FALSE           |                              |
| Reflex 1 value               | BOOL         | FALSE           |                              |
| TH0 to TH1                   | 5001         |                 |                              |
| Reflex 0 value               | BOOL         | FALSE           |                              |
| Reflex 1 value               | BOOL         | FALSE           |                              |
| TH1 to TH2                   | D001         | EALOE           |                              |
| Reflex 0 value               | BOOL         | FALSE           |                              |
| Reflex 1 value               | BOOL         | FALSE           |                              |
| TH2 to TH3<br>Reflex 0 value | BOO!         | EAL OF          |                              |
| Reflex 1 value               | BOOL<br>BOOL | FALSE<br>FALSE  |                              |
| TH3 to max count             | DOOL         | IALOL           |                              |
| Reflex 0 value               | BOOL         | FALSE           |                              |
| Reflex 1 value               | BOOL         | FALSE           |                              |
| Events                       | DOOL         | TALOL           |                              |
| Threshold 0                  | ENUM         | No              |                              |
| Threshold 1                  | ENUM         | No              |                              |
| Threshold 2                  | ENUM         | No              |                              |
| Threshold 3                  | ENUM         | No              |                              |
| External Event Configuration | LIVOIVI      | 110             |                              |
| HSC Main Id                  | ENUM         | None            |                              |
| Threshold 0 External Event   | STRING       | "               |                              |
| Threshold 1 External Event   | STRING       | "               |                              |
| Threshold 2 External Event   | STRING       | u .             |                              |
| Threshold 3 External Event   | STRING       | "               |                              |
| Reflex 1 output              | 511          |                 |                              |
| Reflex 1 output History      | STRING       | 'old=-1 new=-1' |                              |
| Reflex 0 output              | 311          | 5.0 1 110W 1    |                              |
| Reflex 0 output History      | STRING       | 'old=-1 new=-1' |                              |
| CAP input                    |              |                 |                              |
| •                            |              |                 |                              |

| Visible Name                | Base Type      |                          | Default Value (if different) |
|-----------------------------|----------------|--------------------------|------------------------------|
| CAP input History           | STRING         | 'old=-1 new=-1'          |                              |
| SYNC input History          | STRING         | 'old=-1 new=-1'          |                              |
| SYNC input History B input  | STRING         | olu i ilew i             |                              |
| B input History             | STRING         | 'old=-1 new=-1'          |                              |
| A input                     |                |                          |                              |
| A input History             | STRING         | 'old=-1 new=-1'          |                              |
| General                     |                |                          |                              |
| Temporary Instance name     | STRING         | "                        |                              |
| Instance name               | STRING         |                          |                              |
| A input<br>Location         | ENUM           | Disabled                 |                              |
| Bounce filter               | ENUM           | 0.002                    |                              |
| Range                       |                |                          |                              |
| Time base                   | ENUM           | 1000                     |                              |
| EN input                    |                |                          |                              |
| Location                    | ENUM           | Disabled                 |                              |
| Bounce filter               | ENUM<br>STRING | 0.002<br>'old=-1 new=-1' |                              |
| EN input History<br>A input | STRING         | olu i riew i             |                              |
| A input History             | STRING         | 'old=-1 new=-1'          |                              |
| General                     |                |                          |                              |
| Temporary Instance name     | STRING         | "                        |                              |
| Instance name               | STRING         | "                        |                              |
| PeriodMeter Mode            | ENUM           | Edge to Edge             |                              |
| A input                     | ENIL INA       | Disabled                 |                              |
| Location<br>Bounce filter   | ENUM<br>ENUM   | Disabled<br>0.002        |                              |
| Range                       | LINOW          | 0.002                    |                              |
| Resolution                  | ENUM           | 1                        |                              |
| Timeout                     | DWORD          | 0                        |                              |
| EN input                    |                |                          |                              |
| Location                    | ENUM           | Disabled                 |                              |
| Bounce filter               | ENUM           | 0.002                    |                              |
| EN input History<br>A input | STRING         | 'old=-1 new=-1'          |                              |
| A input History             | STRING         | 'old=-1 new=-1'          |                              |
| General                     |                |                          |                              |
| Temporary Instance name     | STRING         | "                        |                              |
| Counting function           | ENUM           | None                     |                              |
| InstanceNumber              | SINT           | 11                       |                              |
| Instance name               | STRING         | "<br>One-shot            |                              |
| Counting Mode A input       | ENUM           | One-shot                 |                              |
| Location                    | ENUM           | Disabled                 |                              |
| Bounce filter               | ENUM           | 0.002                    |                              |
| Range                       |                |                          |                              |
| Preset                      | DWORD          | 2147483647               |                              |
| A input                     | OTDINO         | tald discountly          |                              |
| A input History<br>General  | STRING         | 'old=-1 new=-1'          |                              |
| Temporary Instance name     | STRING         | "                        |                              |
| Instance name               | STRING         | "                        |                              |
| Counting Mode               | ENUM           | One-shot                 |                              |
| A input                     |                |                          |                              |
| Location                    | ENUM           | Disabled                 |                              |
| Bounce filter               | ENUM           | 0.002                    |                              |
| Range<br>Preset             | DWORD          | 2147483647               |                              |
| 110301                      | שווטווט        | 217/70304/               |                              |

| Visible Name                              | Base Type      | Value           | Default Value (if different) |
|---|----------------|-----------------|------------------------------|
| Time base                                 | ENUM           | 1               |                              |
| EN input                                  |                |                 |                              |
| Location                                  | ENUM           | Disabled        |                              |
| Bounce filter                             | ENUM           | 0.002           |                              |
| SYNC input                                |                |                 |                              |
| Location                                  | ENUM           | Disabled        |                              |
| Bounce filter                             | ENUM           | 0.002           |                              |
| Preset condition                          | ENUM           | SYNC Rising     |                              |
| CAP input                                 |                |                 |                              |
| Location                                  | ENUM           | Disabled        |                              |
| Bounce filter                             | ENUM           | 0.002           |                              |
| Capture                                   | EN 11 18 4     | <b>5</b> .      |                              |
| Mode                                      | ENUM           | Preset          |                              |
| Thresholds                                | ENIL INA       | 0               |                              |
| Number of thresholds<br>Threshold 0 value | ENUM           | 0<br>0          |                              |
| Threshold 1 value                         | DWORD<br>DWORD | 0               |                              |
| Threshold 2 value                         | DWORD          | 0               |                              |
| Threshold 3 value                         | DWORD          | 0               |                              |
| Reflex 0 output                           | BITOTE         | •               |                              |
| Location                                  | ENUM           | Disabled        |                              |
| Reflex 1 output                           |                | 2.002.00        |                              |
| Location                                  | ENUM           | Disabled        |                              |
| Intervals                                 |                |                 |                              |
| Min count to TH0                          |                |                 |                              |
| Reflex 0 value                            | BOOL           | FALSE           |                              |
| Reflex 1 value                            | BOOL           | FALSE           |                              |
| TH0 to TH1                                |                |                 |                              |
| Reflex 0 value                            | BOOL           | FALSE           |                              |
| Reflex 1 value                            | BOOL           | FALSE           |                              |
| TH1 to TH2                                |                |                 |                              |
| Reflex 0 value                            | BOOL           | FALSE           |                              |
| Reflex 1 value                            | BOOL           | FALSE           |                              |
| TH2 to TH3                                |                |                 |                              |
| Reflex 0 value                            | BOOL           | FALSE           |                              |
| Reflex 1 value                            | BOOL           | FALSE           |                              |
| TH3 to max count                          | DOO!           | EAL CE          |                              |
| Reflex 0 value                            | BOOL           | FALSE           |                              |
| Reflex 1 value Events                     | BOOL           | FALSE           |                              |
| Stop Event                                | ENUM           | No              |                              |
| Threshold 0                               | ENUM           | No              |                              |
| Threshold 1                               | ENUM           | No              |                              |
| Threshold 2                               | ENUM           | No              |                              |
| Threshold 3                               | ENUM           | No              |                              |
| External Event Configuration              |                |                 |                              |
| HSC Main Id                               | ENUM           | None            |                              |
| Stop External Event                       | STRING         | "               |                              |
| Threshold 0 External Event                | STRING         | "               |                              |
| Threshold 1 External Event                | STRING         | "               |                              |
| Threshold 2 External Event                | STRING         | "               |                              |
| Threshold 3 External Event                | STRING         | "               |                              |
| Reflex 1 output                           |                |                 |                              |
| Reflex 1 output History                   | STRING         | 'old=-1 new=-1' |                              |
| Reflex 0 output                           |                |                 |                              |
| Reflex 0 output History                   | STRING         | 'old=-1 new=-1' |                              |
| CAP input                                 |                |                 |                              |
| CAP input History                         | STRING         | 'old=-1 new=-1' |                              |
| SYNC input                                |                |                 |                              |

| 1.6-ibla Mana                       | D T                 | Mahas                           | Default Value (if different) |
|-------------------------------------|---------------------|---------------------------------|------------------------------|
| Visible Name SYNC input History     | Base Type<br>STRING | <i>Value</i><br>'old=-1 new=-1' | Default Value (if different) |
| EN input                            | STAING              | olu i ilew i                    |                              |
| EN input History                    | STRING              | 'old=-1 new=-1'                 |                              |
| A input                             |                     |                                 |                              |
| A input History                     | STRING              | 'old=-1 new=-1'                 |                              |
| General                             |                     |                                 |                              |
| Temporary Instance name             | STRING              | "                               |                              |
| Instance name                       | STRING              | "                               |                              |
| Counting Mode                       | ENUM                | Modulo-loop                     |                              |
| Input Mode                          | ENUM                | A=UP, B=DOWN                    |                              |
| A input<br>Location                 | ENILINA.            | Disabled                        |                              |
| Bounce filter                       | ENUM<br>ENUM        | Disabled<br>0.002               |                              |
| B input                             | ENOW                | 0.002                           |                              |
| Location                            | ENUM                | Disabled                        |                              |
| Bounce filter                       | ENUM                | 0.002                           |                              |
| Range                               |                     | 0.002                           |                              |
| Preset                              | DINT                | 2147483647                      |                              |
| Limits                              | ENUM                | Lock on limits                  |                              |
| SYNC input                          |                     |                                 |                              |
| Location                            | ENUM                | Disabled                        |                              |
| Bounce filter                       | ENUM                | 0.002                           |                              |
| Preset condition                    | ENUM                | SYNC Rising                     |                              |
| CAP input                           |                     |                                 |                              |
| Location                            | ENUM                | Disabled                        |                              |
| Bounce filter                       | ENUM                | 0.002                           |                              |
| Capture                             |                     |                                 |                              |
| Mode                                | ENUM                | Preset                          |                              |
| Thresholds                          |                     | 0                               |                              |
| Number of thresholds                | ENUM                | 0                               |                              |
| Threshold 0 value Threshold 1 value | DINT                | 0                               |                              |
| Threshold 2 value                   | DINT<br>DINT        | 0                               |                              |
| Threshold 3 value                   | DINT                | 0                               |                              |
| Reflex 0 output                     | DINI                | O                               |                              |
| Location                            | ENUM                | Disabled                        |                              |
| Reflex 1 output                     | 2.10.11             | Dioabioa                        |                              |
| Location                            | ENUM                | Disabled                        |                              |
| Intervals                           |                     |                                 |                              |
| Min count to TH0                    |                     |                                 |                              |
| Reflex 0 value                      | BOOL                | FALSE                           |                              |
| Reflex 1 value                      | BOOL                | FALSE                           |                              |
| TH0 to TH1                          |                     |                                 |                              |
| Reflex 0 value                      | BOOL                | FALSE                           |                              |
| Reflex 1 value                      | BOOL                | FALSE                           |                              |
| TH1 to TH2                          |                     |                                 |                              |
| Reflex 0 value                      | BOOL                | FALSE                           |                              |
| Reflex 1 value                      | BOOL                | FALSE                           |                              |
| TH2 to TH3                          | DOO!                | EAL CE                          |                              |
| Reflex 0 value<br>Reflex 1 value    | BOOL<br>BOOL        | FALSE<br>FALSE                  |                              |
| TH3 to max count                    | BOOL                | FALSE                           |                              |
| Reflex 0 value                      | BOOL                | FALSE                           |                              |
| Reflex 1 value                      | BOOL                | FALSE                           |                              |
| Events                              | DOOL                | ALUL                            |                              |
| Threshold 0                         | ENUM                | No                              |                              |
| Threshold 1                         | ENUM                | No                              |                              |
| Threshold 2                         | ENUM                | No                              |                              |
| Threshold 3                         | ENUM                | No                              |                              |
|                                     |                     |                                 |                              |

| Visible Name                                 | Base Type      | Value           | Default Value (if different) |
|--|----------------|-----------------|------------------------------|
| External Event Configuration                 |                |                 |                              |
| HSC Main Id                                  | ENUM           | None            |                              |
| Threshold 0 External Event                   | STRING         | "               |                              |
| Threshold 1 External Event                   |                |                 |                              |
| Threshold 2 External Event                   |                |                 |                              |
| Threshold 3 External Event                   | STRING         |                 |                              |
| Reflex 1 output                              | CTDING         | lald- 1 11      |                              |
| Reflex 1 output History                      | STRING         | 'old=-1 new=-1' |                              |
| Reflex 0 output Reflex 0 output History      | CTDING         | 'old=-1 new=-1' |                              |
| CAP input                                    | STRING         | olu i ilew i    |                              |
| CAP input History                            | STRING         | 'old=-1 new=-1' |                              |
| SYNC input                                   | STRING         | olu i ilew i    |                              |
| SYNC input History                           | STRING         | 'old=-1 new=-1' |                              |
| B input                                      | OTTAING        | olui ilewi      |                              |
| B input History                              | STRING         | 'old=-1 new=-1' |                              |
| A input                                      | OTTING         | old I llow I    |                              |
| A input History                              | STRING         | 'old=-1 new=-1' |                              |
| General                                      | 01111110       | old I llow I    |                              |
| Temporary Instance name                      | STRING         | "               |                              |
| Instance name                                | STRING         | "               |                              |
| A input                                      |                |                 |                              |
| Location                                     | ENUM           | Disabled        |                              |
| Bounce filter                                | ENUM           | 0.002           |                              |
| Range  |                |                 |                              |
| Time base                                    | ENUM           | 1000            |                              |
| EN input                                     |                |                 |                              |
| Location                                     | ENUM           | Disabled        |                              |
| Bounce filter                                | ENUM           | 0.002           |                              |
| EN input History                             | STRING         | 'old=-1 new=-1' |                              |
| A input                                      | CTDING         | lald- 1 11      |                              |
| A input History                              | STRING         | 'old=-1 new=-1' |                              |
| General Temporary Instance name              | STRING         | "               |                              |
| Instance name                                | STRING         | "               |                              |
| PeriodMeter Mode                             | ENUM           | Edge to Edge    |                              |
| A input                                      | LITOW          | Lage to Lage    |                              |
| Location                                     | ENUM           | Disabled        |                              |
| Bounce filter                                | ENUM           | 0.002           |                              |
| Range  |                |                 |                              |
| Resolution                                   | ENUM           | 1               |                              |
| Timeout                                      | DWORD          | 0               |                              |
| EN input                                     |                |                 |                              |
| Location                                     | ENUM           | Disabled        |                              |
| Bounce filter                                | ENUM           | 0.002           |                              |
| EN input History                             | STRING         | 'old=-1 new=-1' |                              |
| A input                                      |                |                 |                              |
| A input History                              | STRING         | 'old=-1 new=-1' |                              |
| General                                      | OTDINIO        | "               |                              |
| Temporary Instance name<br>Counting function | STRING         |                 |                              |
| InstanceNumber                               | ENUM           | None            |                              |
| InstanceNumber Instance name                 | SINT<br>STRING | 12<br>"         |                              |
| Counting Mode                                | ENUM           | One-shot        |                              |
| A input                                      | LINOW          | One-snot        |                              |
| Location                                     | ENUM           | Disabled        |                              |
| Bounce filter                                | ENUM           | 0.002           |                              |
| Range  |                |                 |                              |
| Preset                                       | DWORD          | 2147483647      |                              |
|  |                |                 |                              |

| Visible Name                              | Base Type     | Value           | Default Value (if different) |
|---|---------------|-----------------|------------------------------|
| A input A input History                   | STRING        | 'old=-1 new=-1' |                              |
| General                                   | OTTAING       | old—Tricw—T     |                              |
| Temporary Instance name                   | STRING        | "               |                              |
| Instance name                             | STRING        | "               |                              |
| Counting Mode                             | ENUM          | One-shot        |                              |
| A input                                   |               |                 |                              |
| Location                                  | ENUM          | Disabled        |                              |
| Bounce filter                             | ENUM          | 0.002           |                              |
| Range                                     | DWODD         | 04.47.4000.47   |                              |
| Preset<br>Time base                       | DWORD         | 2147483647      |                              |
| EN input                                  | ENUM          | 1               |                              |
| Location                                  | ENUM          | Disabled        |                              |
| Bounce filter                             | ENUM          | 0.002           |                              |
| SYNC input                                | 2.10          | 0.002           |                              |
| Location                                  | ENUM          | Disabled        |                              |
| Bounce filter                             | ENUM          | 0.002           |                              |
| Preset condition                          | ENUM          | SYNC Rising     |                              |
| CAP input                                 |               |                 |                              |
| Location                                  | ENUM          | Disabled        |                              |
| Bounce filter                             | ENUM          | 0.002           |                              |
| Capture                                   |               | _               |                              |
| Mode                                      | ENUM          | Preset          |                              |
| Thresholds                                | ENILINA       | 0               |                              |
| Number of thresholds<br>Threshold 0 value | ENUM<br>DWORD | 0               |                              |
| Threshold 1 value                         | DWORD         | 0               |                              |
| Threshold 2 value                         | DWORD         | 0               |                              |
| Threshold 3 value                         | DWORD         | 0               |                              |
| Reflex 0 output                           |               |                 |                              |
| Location                                  | ENUM          | Disabled        |                              |
| Reflex 1 output                           |               |                 |                              |
| Location                                  | ENUM          | Disabled        |                              |
| Intervals                                 |               |                 |                              |
| Min count to TH0                          |               |                 |                              |
| Reflex 0 value                            | BOOL          | FALSE           |                              |
| Reflex 1 value                            | BOOL          | FALSE           |                              |
| TH0 to TH1<br>Reflex 0 value              | BOOL          | FALSE           |                              |
| Reflex 1 value                            | BOOL          | FALSE           |                              |
| TH1 to TH2                                | BOOL          | TALOL           |                              |
| Reflex 0 value                            | BOOL          | FALSE           |                              |
| Reflex 1 value                            | BOOL          | FALSE           |                              |
| TH2 to TH3                                |               |                 |                              |
| Reflex 0 value                            | BOOL          | FALSE           |                              |
| Reflex 1 value                            | BOOL          | FALSE           |                              |
| TH3 to max count                          |               |                 |                              |
| Reflex 0 value                            | BOOL          | FALSE           |                              |
| Reflex 1 value                            | BOOL          | FALSE           |                              |
| Events                                    | ENIL INA      | N.              |                              |
| Stop Event<br>Threshold 0                 | ENUM<br>ENUM  | No<br>No        |                              |
|   | ENUM          |                 |                              |
| Threshold 1<br>Threshold 2                | ENUM          | No<br>No        |                              |
| Threshold 3                               | ENUM          | No              |                              |
| External Event Configuration              | LINOIN        | 140             |                              |
| HSC Main Id                               | ENUM          | None            |                              |
| Stop External Event                       | STRING        | II .            |                              |
| •   |               |                 |                              |

| Vicible Mana                            | Page Time           | 1/a/va          | Defects Value (if different) |
|---|---------------------|-----------------|------------------------------|
| Visible Name Threshold 0 External Event | Base Type<br>STRING | <i>Value</i>    | Default Value (if different) |
| Threshold 1 External Event              | STRING              | "               |                              |
| Threshold 2 External Event              | STRING              |                 |                              |
| Threshold 3 External Event              |                     | "               |                              |
| Reflex 1 output                         |                     |                 |                              |
| Reflex 1 output History                 | STRING              | 'old=-1 new=-1' |                              |
| Reflex 0 output                         |                     |                 |                              |
| Reflex 0 output History                 | STRING              | 'old=-1 new=-1' |                              |
| CAP input                               |                     |                 |                              |
| CAP input History                       | STRING              | 'old=-1 new=-1' |                              |
| SYNC input                              | OTDINIO             |                 |                              |
| SYNC input History                      | STRING              | 'old=-1 new=-1' |                              |
| EN input<br>EN input History            | STRING              | 'old=-1 new=-1' |                              |
| A input                                 | STRING              | olu i ilew i    |                              |
| A input History                         | STRING              | 'old=-1 new=-1' |                              |
| General                                 | omma                | old Thew I      |                              |
| Temporary Instance name                 | STRING              | "               |                              |
| Instance name                           | STRING              | II .            |                              |
| Counting Mode                           | ENUM                | Modulo-loop     |                              |
| Input Mode                              | ENUM                | A=UP, B=DOWN    |                              |
| A input                                 |                     |                 |                              |
| Location                                | ENUM                | Disabled        |                              |
| Bounce filter                           | ENUM                | 0.002           |                              |
| B input                                 |                     |                 |                              |
| Location                                | ENUM                | Disabled        |                              |
| Bounce filter                           | ENUM                | 0.002           |                              |
| Range                                   | DINT                | 04.47.4000.47   |                              |
| Preset                                  | DINT                | 2147483647      |                              |
| Limits                                  | ENUM                | Lock on limits  |                              |
| SYNC input<br>Location                  | ENUM                | Disabled        |                              |
| Bounce filter                           | ENUM                | 0.002           |                              |
| Preset condition                        | ENUM                | SYNC Rising     |                              |
| CAP input                               | LIVOIVI             | OTTOTAIN        |                              |
| Location                                | ENUM                | Disabled        |                              |
| Bounce filter                           | ENUM                | 0.002           |                              |
| Capture                                 |                     |                 |                              |
| Mode                                    | ENUM                | Preset          |                              |
| Thresholds                              |                     |                 |                              |
| Number of thresholds                    | ENUM                | 0               |                              |
| Threshold 0 value                       | DINT                | 0               |                              |
| Threshold 1 value                       | DINT                | 0               |                              |
| Threshold 2 value                       | DINT                | 0               |                              |
| Threshold 3 value                       | DINT                | 0               |                              |
| Reflex 0 output                         |                     | D: 11 1         |                              |
| Location                                | ENUM                | Disabled        |                              |
| Reflex 1 output                         | ENILIM              | Disabled        |                              |
| Location<br>Intervals                   | ENUM                | Disabled        |                              |
| Min count to TH0                        |                     |                 |                              |
| Reflex 0 value                          | BOOL                | FALSE           |                              |
| Reflex 1 value                          | BOOL                | FALSE           |                              |
| TH0 to TH1                              | DOOL                | TALOL           |                              |
| Reflex 0 value                          | BOOL                | FALSE           |                              |
| Reflex 1 value                          | BOOL                | FALSE           |                              |
| TH1 to TH2                              | <del>-</del>        | -               |                              |
| Reflex 0 value                          | BOOL                | FALSE           |                              |
| Reflex 1 value                          | BOOL                | FALSE           |                              |
|   |                     |                 |                              |

| <i>Visible Name</i><br>TH2 to TH3 | Base Type | Value            | Default Value (if different) |
|-----------------------------------|-----------|------------------|------------------------------|
| Reflex 0 value                    | BOOL      | FALSE            |                              |
| Reflex 1 value                    | BOOL      | FALSE            |                              |
| TH3 to max count                  |           |                  |                              |
| Reflex 0 value                    | BOOL      | FALSE            |                              |
| Reflex 1 value                    | BOOL      | FALSE            |                              |
| Events                            |           |                  |                              |
| Threshold 0                       | ENUM      | No               |                              |
| Threshold 1                       | ENUM      | No               |                              |
| Threshold 2<br>Threshold 3        | ENUM      | No               |                              |
| External Event Configuration      | ENUM      | No               |                              |
| HSC Main Id                       | ENUM      | None             |                              |
| Threshold 0 External Event        | STRING    | "                |                              |
| Threshold 1 External Event        | STRING    | II .             |                              |
| Threshold 2 External Event        | STRING    | "                |                              |
| Threshold 3 External Event        | STRING    | "                |                              |
| Reflex 1 output                   |           |                  |                              |
| Reflex 1 output History           | STRING    | 'old=-1 new=-1'  |                              |
| Reflex 0 output                   | OTDINIO   | talal disassi di |                              |
| Reflex 0 output History           | STRING    | 'old=-1 new=-1'  |                              |
| CAP input CAP input History       | STRING    | 'old=-1 new=-1'  |                              |
| SYNC input                        | STRING    | olu i ilew i     |                              |
| SYNC input History                | STRING    | 'old=-1 new=-1'  |                              |
| B input                           |           |                  |                              |
| B input History                   | STRING    | 'old=-1 new=-1'  |                              |
| A input                           |           |                  |                              |
| A input History                   | STRING    | 'old=-1 new=-1'  |                              |
| General                           |           | "                |                              |
| Temporary Instance name           | STRING    | "                |                              |
| Instance name                     | STRING    |                  |                              |
| A input<br>Location               | ENUM      | Disabled         |                              |
| Bounce filter                     | ENUM      | 0.002            |                              |
| Range                             | 2.10.11   | 0.002            |                              |
| Time base                         | ENUM      | 1000             |                              |
| EN input                          |           |                  |                              |
| Location                          | ENUM      | Disabled         |                              |
| Bounce filter                     | ENUM      | 0.002            |                              |
| EN input History                  | STRING    | 'old=-1 new=-1'  |                              |
| A input                           | CTDING    | 'old=-1 new=-1'  |                              |
| A input History<br>General        | STRING    | olu i riew i     |                              |
| Temporary Instance name           | STRING    | II .             |                              |
| Instance name                     | STRING    | "                |                              |
| PeriodMeter Mode                  | ENUM      | Edge to Edge     |                              |
| A input                           |           |                  |                              |
| Location                          | ENUM      | Disabled         |                              |
| Bounce filter                     | ENUM      | 0.002            |                              |
| Range                             | E         |                  |                              |
| Resolution<br>Timeout             | ENUM      | 1<br>0           |                              |
| EN input                          | DWORD     | U                |                              |
| Location                          | ENUM      | Disabled         |                              |
| Bounce filter                     | ENUM      | 0.002            |                              |
| EN input History                  | STRING    | 'old=-1 new=-1'  |                              |
| A input                           | -         | -                |                              |
| A input History                   | STRING    | 'old=-1 new=-1'  |                              |
|                                   |           |                  |                              |

| Visible Name                     | Base Type    | Value           | Default Value (if different) |
|----------------------------------|--------------|-----------------|------------------------------|
| General                          |              |                 | ,                            |
| Temporary Instance name          | STRING       | II .            |                              |
| Counting function                | ENUM         | None            |                              |
| InstanceNumber                   | SINT         | 13              |                              |
| Instance name                    | STRING       | "               |                              |
| Counting Mode                    | ENUM         | One-shot        |                              |
| A input                          |              | 5               |                              |
| Location                         | ENUM         | Disabled        |                              |
| Bounce filter                    | ENUM         | 0.002           |                              |
| Range                            | DWODD        | 2147483647      |                              |
| Preset                           | DWORD        | 2147463047      |                              |
| A input A input History          | STRING       | 'old=-1 new=-1' |                              |
| General                          | STRING       | Old1 Hew1       |                              |
| Temporary Instance name          | STRING       | "               |                              |
| Instance name                    | STRING       | п               |                              |
| Counting Mode                    | ENUM         | One-shot        |                              |
| A input                          |              |                 |                              |
| Location                         | ENUM         | Disabled        |                              |
| Bounce filter                    | ENUM         | 0.002           |                              |
| Range                            |              |                 |                              |
| Preset                           | DWORD        | 2147483647      |                              |
| Time base                        | ENUM         | 1               |                              |
| EN input                         |              |                 |                              |
| Location                         | ENUM         | Disabled        |                              |
| Bounce filter                    | ENUM         | 0.002           |                              |
| SYNC input                       |              |                 |                              |
| Location                         | ENUM         | Disabled        |                              |
| Bounce filter                    | ENUM         | 0.002           |                              |
| Preset condition                 | ENUM         | SYNC Rising     |                              |
| CAP input<br>Location            |              | Disabled        |                              |
| Bounce filter                    | ENUM<br>ENUM | 0.002           |                              |
| Capture                          | LINOW        | 0.002           |                              |
| Mode                             | ENUM         | Preset          |                              |
| Thresholds                       | LITOM        | 1 10001         |                              |
| Number of thresholds             | ENUM         | 0               |                              |
| Threshold 0 value                | DWORD        | 0               |                              |
| Threshold 1 value                | DWORD        | 0               |                              |
| Threshold 2 value                | DWORD        | 0               |                              |
| Threshold 3 value                | DWORD        | 0               |                              |
| Reflex 0 output                  |              |                 |                              |
| Location                         | ENUM         | Disabled        |                              |
| Reflex 1 output                  |              |                 |                              |
| Location                         | ENUM         | Disabled        |                              |
| Intervals                        |              |                 |                              |
| Min count to TH0                 | DOOL         | EALOE           |                              |
| Reflex 0 value<br>Reflex 1 value | BOOL<br>BOOL | FALSE<br>FALSE  |                              |
|                                  | BOOL         | FALSE           |                              |
| TH0 to TH1<br>Reflex 0 value     | BOOL         | FALSE           |                              |
| Reflex 1 value                   | BOOL         | FALSE           |                              |
| TH1 to TH2                       | DOOL         | TALOL           |                              |
| Reflex 0 value                   | BOOL         | FALSE           |                              |
| Reflex 1 value                   | BOOL         | FALSE           |                              |
| TH2 to TH3                       | <del>-</del> | <del>-</del> -  |                              |
| Reflex 0 value                   | BOOL         | FALSE           |                              |
| Reflex 1 value                   | BOOL         | FALSE           |                              |
| TH3 to max count                 |              |                 |                              |
|                                  |              |                 |                              |

|   |               | 1               | <b>D</b> 6 1111 116 1166 11  |
|---|---------------|-----------------|------------------------------|
| Visible Name                            | Base Type     |                 | Default Value (if different) |
| Reflex 0 value<br>Reflex 1 value        | BOOL<br>BOOL  | FALSE<br>FALSE  |                              |
| Events                                  | DOOL          | TALOL           |                              |
| Stop Event                              | ENUM          | No              |                              |
| Threshold 0                             | ENUM          | No              |                              |
| Threshold 1                             | ENUM          | No              |                              |
| Threshold 2                             | ENUM          | No              |                              |
| Threshold 3                             | ENUM          | No              |                              |
| External Event Configuration            |               |                 |                              |
| HSC Main Id                             | ENUM          | None            |                              |
| Stop External Event                     | STRING        | "               |                              |
| Threshold 0 External Event              |               | "               |                              |
| Threshold 1 External Event              |               | "               |                              |
| Threshold 2 External Event              |               | "               |                              |
| Threshold 3 External Event              | STRING        | "               |                              |
| Reflex 1 output                         | CTDING        | 'old=-1 new=-1' |                              |
| Reflex 1 output History                 | STRING        | olu i flew i    |                              |
| Reflex 0 output Reflex 0 output History | STRING        | 'old=-1 new=-1' |                              |
| CAP input                               | OTTAING       | olu1 ficw1      |                              |
| CAP input History                       | STRING        | 'old=-1 new=-1' |                              |
| SYNC input                              | o i i i i i i | old Thorr       |                              |
| SYNC input History                      | STRING        | 'old=-1 new=-1' |                              |
| EN input                                |               |                 |                              |
| EN input History                        | STRING        | 'old=-1 new=-1' |                              |
| A input                                 |               |                 |                              |
| A input History                         | STRING        | 'old=-1 new=-1' |                              |
| General                                 |               |                 |                              |
| Temporary Instance name                 | STRING        | "               |                              |
| Instance name                           | STRING        | "               |                              |
| Counting Mode                           | ENUM          | Modulo-loop     |                              |
| Input Mode                              | ENUM          | A=UP, B=DOWN    |                              |
| A input                                 | - NII IN 4    | District of     |                              |
| Location                                | ENUM          | Disabled        |                              |
| Bounce filter                           | ENUM          | 0.002           |                              |
| B input<br>Location                     | ENUM          | Disabled        |                              |
| Bounce filter                           | ENUM          | 0.002           |                              |
| Range                                   | LIVOIVI       | 0.002           |                              |
| Preset                                  | DINT          | 2147483647      |                              |
| Limits                                  | ENUM          | Lock on limits  |                              |
| SYNC input                              |               |                 |                              |
| Location                                | ENUM          | Disabled        |                              |
| Bounce filter                           | ENUM          | 0.002           |                              |
| Preset condition                        | ENUM          | SYNC Rising     |                              |
| CAP input                               |               |                 |                              |
| Location                                | ENUM          | Disabled        |                              |
| Bounce filter                           | ENUM          | 0.002           |                              |
| Capture                                 |               | _               |                              |
| Mode                                    | ENUM          | Preset          |                              |
| Thresholds                              |               | •               |                              |
| Number of thresholds                    | ENUM          | 0               |                              |
| Threshold 0 value                       | DINT          | 0               |                              |
| Threshold 1 value Threshold 2 value     | DINT          | 0               |                              |
| Threshold 3 value                       | DINT          | 0               |                              |
| Reflex 0 output                         | DINT          | U               |                              |
| Location                                | ENUM          | Disabled        |                              |
| Reflex 1 output                         | TO IVI        | Disabica        |                              |
| i output                                |               |                 |                              |

| <i>Visible Name</i><br>Location                          | <i>Base Type</i><br>ENUM | <i>Value</i><br>Disabled | Default Value (if different) |
|--|--------------------------|--------------------------|------------------------------|
| Intervals  |                          |                          |                              |
| Min count to TH0   |                          |                          |                              |
| Reflex 0 value   | BOOL                     | FALSE                    |                              |
| Reflex 1 value   | BOOL                     | FALSE                    |                              |
| TH0 to TH1   |                          |                          |                              |
| Reflex 0 value   | BOOL                     | FALSE                    |                              |
| Reflex 1 value   | BOOL                     | FALSE                    |                              |
| TH1 to TH2   |                          |                          |                              |
| Reflex 0 value   | BOOL                     | FALSE                    |                              |
| Reflex 1 value   | BOOL                     | FALSE                    |                              |
| TH2 to TH3   |                          |                          |                              |
| Reflex 0 value   | BOOL                     | FALSE                    |                              |
| Reflex 1 value   | BOOL                     | FALSE                    |                              |
| TH3 to max count   |                          |                          |                              |
| Reflex 0 value   | BOOL                     | FALSE                    |                              |
| Reflex 1 value   | BOOL                     | FALSE                    |                              |
| Events   |                          | NI.                      |                              |
| Threshold 0  | ENUM                     | No                       |                              |
| Threshold 1  | ENUM                     | No                       |                              |
| Threshold 2  | ENUM                     | No                       |                              |
| Threshold 3  | ENUM                     | No                       |                              |
| External Event Configuration                             | ENILINA.                 | Mana                     |                              |
| HSC Main Id Threshold 0 External Event                   | ENUM                     | None<br>"                |                              |
|  |                          | "                        |                              |
| Threshold 1 External Event<br>Threshold 2 External Event | STRING                   | "                        |                              |
| Threshold 3 External Event                               | STRING<br>STRING         | "                        |                              |
| Reflex 1 output  | STRING                   |                          |                              |
| Reflex 1 output History                                  | STRING                   | 'old=-1 new=-1'          |                              |
| Reflex 0 output  | OTTAIN                   | old Thew I               |                              |
| Reflex 0 output History                                  | STRING                   | 'old=-1 new=-1'          |                              |
| CAP input  |                          |                          |                              |
| CAP input History  | STRING                   | 'old=-1 new=-1'          |                              |
| SYNC input   |                          |                          |                              |
| SYNC input History                                       | STRING                   | 'old=-1 new=-1'          |                              |
| B input  |                          |                          |                              |
| B input History  | STRING                   | 'old=-1 new=-1'          |                              |
| A input  |                          |                          |                              |
| A input History  | STRING                   | 'old=-1 new=-1'          |                              |
| General  |                          | "                        |                              |
| Temporary Instance name                                  | STRING                   | "                        |                              |
| Instance name  | STRING                   | "                        |                              |
| A input  | ENILINA.                 | Disabled                 |                              |
| Location   | ENUM                     | Disabled                 |                              |
| Bounce filter Range                                      | ENUM                     | 0.002                    |                              |
| Time base  | ENUM                     | 1000                     |                              |
| EN input   | LINOW                    | 1000                     |                              |
| Location   | ENUM                     | Disabled                 |                              |
| Bounce filter  | ENUM                     | 0.002                    |                              |
| EN input History   | STRING                   | 'old=-1 new=-1'          |                              |
| A input  | 0                        |                          |                              |
| A input History  | STRING                   | 'old=-1 new=-1'          |                              |
| General  | -                        |                          |                              |
| Temporary Instance name                                  | STRING                   | u .                      |                              |
| Instance name  | STRING                   | "                        |                              |
| PeriodMeter Mode   | ENUM                     | Edge to Edge             |                              |
| A input  |                          |                          |                              |
|  |                          |                          |                              |

Base Type Visible Name Default Value (if different) Value Location **ENUM** Disabled Bounce filter **ENUM** 0.002 Range **ENUM** Resolution 1 Timeout **DWORD** 0 EN input Location **ENUM** Disabled Bounce filter **ENUM** 0.002 EN input History 'old=-1 new=-1' STRING A input A input History STRING 'old=-1 new=-1' General **STRING** Temporary Instance name

#### **Information**

Name: Counters

Vendor: Schneider Electric

Categories:

Type: 4096 ID: 101a 0707 Module ID: COUNTERS Version: 5.2.11.24

Order number: - Description:

# 1.5 Device: Pulse\_Generators

±

| Visible Name Pulse generation function InstanceNumber General | Base Type<br>ENUM<br>SINT | Value<br>None<br>0               | Default Value (if different) |
|---|---------------------------|----------------------------------|------------------------------|
| Instance name   | STRING                    | "                                |                              |
| Output Mode   | ENUM                      | A ClockWise / B CounterClockWise |                              |
| A output location   | ENUM                      | Disabled                         |                              |
| B output location   | ENUM                      | Disabled                         |                              |
| Mechanics   |                           |                                  |                              |
| Backlash Compensation   | DWORD                     | 0                                |                              |
| Software Limits   |                           |                                  |                              |
| Enable Software Limits  | ENUM                      | Enabled                          |                              |
| SW Low Limit  | DINT                      | -2147483648                      |                              |
| SW High Limit   | DINT                      | 2147483647                       |                              |
| General   |                           |                                  |                              |
| Maximum Velocity  | DWORD                     | 100000                           |                              |
| Start Velocity  | DWORD                     | 0                                |                              |
| Stop Velocity   | DWORD                     | 0                                |                              |
| Acc./Dec. Unit  | ENUM                      | Hz/ms                            |                              |
| Maximum Acceleration  | DWORD                     | 100000                           |                              |
| Maximum Deceleration  | DWORD                     | 100000                           |                              |
| Fast Stop   |                           |                                  |                              |
| Fast Stop Deceleration<br>REF input                           | DWORD                     | 5000                             |                              |

| Visible Name                      | Base Type     |                 | Default Value (if different) |
|-----------------------------------|---------------|-----------------|------------------------------|
| Location                          | ENUM          | Disabled        |                              |
| Bounce filter                     | ENUM          | 0.005           |                              |
| Туре                              | ENUM          | Normally opened |                              |
| INDEX input                       |               | 5               |                              |
| Location                          | ENUM          | Disabled        |                              |
| Bounce filter                     | ENUM          | 0.005           |                              |
| Type                              | ENUM          | Normally opened |                              |
| PROBE input                       | ENILINA.      | Disabled        |                              |
| Location<br>Bounce filter         | ENUM          | Disabled        |                              |
| General                           | ENUM          | 0.005           |                              |
| PTO A Output Type                 | ENUM          | Disabled        |                              |
| PTO B Output Type                 | ENUM          | Disabled        |                              |
| PROBE input                       | LIVOIVI       | Disabled        |                              |
| PROBE input History               | STRING        | 'old=-1 new=-1' |                              |
| INDEX input                       | OTTING        | old Thew I      |                              |
| INDEX input History               | STRING        | 'old=-1 new=-1' |                              |
| REF input                         | · · · · · · · | 0.0             |                              |
| REF input History                 | STRING        | 'old=-1 new=-1' |                              |
| General                           |               |                 |                              |
| B output History                  | STRING        | 'old=-1 new=-1' |                              |
| A output History                  | STRING        | 'old=-1 new=-1' |                              |
| Temporary Instance name           | STRING        | п               |                              |
| Instance name                     | STRING        | п               |                              |
| A output location                 | ENUM          | Disabled        |                              |
| SYNC input                        |               |                 |                              |
| Location                          | ENUM          | Disabled        |                              |
| Bounce filter                     | ENUM          | 0.002           |                              |
| SYNC Edge                         | ENUM          | Rising          |                              |
| EN input                          |               |                 |                              |
| Location                          | ENUM          | Disabled        |                              |
| Bounce filter                     | ENUM          | 0.002           |                              |
| General                           |               |                 |                              |
| PWM A Output Type                 | ENUM          | Disabled        |                              |
| EN input                          |               |                 |                              |
| EN input History                  | STRING        | 'old=-1 new=-1' |                              |
| SYNC input                        |               |                 |                              |
| SYNC input History                | STRING        | 'old=-1 new=-1' |                              |
| General                           | 0.70.110      |                 |                              |
| A output History                  | STRING        | 'old=-1 new=-1' |                              |
| Temporary Instance name           | STRING        | "               |                              |
| Instance name                     | STRING        |                 |                              |
| A output location                 | ENUM          | Disabled        |                              |
| SYNC input                        |               | Disabled        |                              |
| Location<br>Bounce filter         | ENUM<br>ENUM  | Disabled 0.002  |                              |
|                                   | _             | Rising          |                              |
| SYNC Edge                         | ENUM          | Rising          |                              |
| EN input<br>Location              | ENUM          | Disabled        |                              |
| Bounce filter                     | ENUM          | 0.002           |                              |
| General                           | LINOIVI       | 0.002           |                              |
| Frequency Generator A Output Type | ENUM          | Disabled        |                              |
| EN input                          | LINOIVI       | Disabled        |                              |
| EN input History                  | STRING        | 'old=-1 new=-1' |                              |
| SYNC input                        | STAING        | OIG -1 HOW1     |                              |
| SYNC input History                | STRING        | 'old=-1 new=-1' |                              |
| General                           | 5111110       | old I How I     |                              |
| A output History                  | STRING        | 'old=-1 new=-1' |                              |
| Temporary Instance name           | STRING        | II .            |                              |
|                                   |               |                 |                              |

| Martin Maria                   | D T       | Water                            | Defection (C. 1965 and       |
|--------------------------------|-----------|----------------------------------|------------------------------|
| Visible Name                   | Base Type | Value                            | Default Value (if different) |
| Pulse generation function      | ENUM      | None                             |                              |
| InstanceNumber                 | SINT      | 1                                |                              |
| Instance name                  | STRING    |                                  |                              |
| Output Mode                    | ENUM      | A ClockWise / B CounterClockWise |                              |
| A output location              | ENUM      | Disabled                         |                              |
| B output location              | ENUM      | Disabled                         |                              |
| Mechanics                      | DWODD     |                                  |                              |
| Backlash Compensation          | DWORD     | 0                                |                              |
| Software Limits                | E         |                                  |                              |
| Enable Software Limits         | ENUM      | Enabled                          |                              |
| SW Low Limit                   | DINT      | -2147483648                      |                              |
| SW High Limit                  | DINT      | 2147483647                       |                              |
| General                        | DWODD     | 100000                           |                              |
| Maximum Velocity               | DWORD     | 100000                           |                              |
| Start Velocity                 | DWORD     | 0                                |                              |
| Stop Velocity                  | DWORD     | 0                                |                              |
| Acc./Dec. Unit                 | ENUM      | Hz/ms                            |                              |
| Maximum Acceleration           | DWORD     | 100000                           |                              |
| Maximum Deceleration           | DWORD     | 100000                           |                              |
| Fast Stop                      | DWODD     | 5000                             |                              |
| Fast Stop Deceleration         | DWORD     | 5000                             |                              |
| REF input                      | E111114   | B: 11 1                          |                              |
| Location                       | ENUM      | Disabled                         |                              |
| Bounce filter                  | ENUM      | 0.005                            |                              |
| Type                           | ENUM      | Normally opened                  |                              |
| INDEX input                    | E         | B: 11 1                          |                              |
| Location                       | ENUM      | Disabled                         |                              |
| Bounce filter                  | ENUM      | 0.005                            |                              |
| Type                           | ENUM      | Normally opened                  |                              |
| PROBE input                    | E         | B: 11 1                          |                              |
| Location                       | ENUM      | Disabled                         |                              |
| Bounce filter                  | ENUM      | 0.005                            |                              |
| General                        |           | Disable d                        |                              |
| PTO A Output Type              | ENUM      | Disabled                         |                              |
| PTO B Output Type              | ENUM      | Disabled                         |                              |
| PROBE input                    | CTDING    | lalde disasse di                 |                              |
| PROBE input History            | STRING    | 'old=-1 new=-1'                  |                              |
| INDEX input                    | CTDING    | lalde disasse di                 |                              |
| INDEX input History            | STRING    | 'old=-1 new=-1'                  |                              |
| REF input                      | OTDINO    | talal disease at                 |                              |
| REF input History              | STRING    | 'old=-1 new=-1'                  |                              |
| General                        | CTDING    | lalde disasse di                 |                              |
| B output History               | STRING    | 'old=-1 new=-1'                  |                              |
| A output History               | STRING    | 'old=-1 new=-1'                  |                              |
| Temporary Instance name        | STRING    | п                                |                              |
| Instance name                  | STRING    |                                  |                              |
| A output location              | ENUM      | Disabled                         |                              |
| SYNC input                     | ENILINA.  | Disabled                         |                              |
| Location                       | ENUM      | Disabled                         |                              |
| Bounce filter                  | ENUM      | 0.002<br>Dialog                  |                              |
| SYNC Edge                      | ENUM      | Rising                           |                              |
| EN input                       |           | Dischlad                         |                              |
| Location  Rouges filter        | ENUM      | Disabled 0.002                   |                              |
| Bounce filter                  | ENUM      | 0.002                            |                              |
| General PWM A Output Type      |           | Disabled                         |                              |
| ' ''                           | ENUM      | Disabled                         |                              |
| EN input History               | CTDING    | 'old=-1 new=-1'                  |                              |
| EN input History<br>SYNC input | STRING    | Olu I IIEW I                     |                              |
| OTNO Iliput                    |           |                                  |                              |

| Visible Name                      | Base Type    | Value                            | Default Value (if different) |
|-----------------------------------|--------------|----------------------------------|------------------------------|
| SYNC input History                | STRING       | 'old=-1 new=-1'                  | 20.20.0 0 2.20 ( 2           |
| General                           |              |                                  |                              |
| A output History                  | STRING       | 'old=-1 new=-1'                  |                              |
| Temporary Instance name           | STRING       | II .                             |                              |
| Instance name                     | STRING       | II                               |                              |
| A output location                 | ENUM         | Disabled                         |                              |
| SYNC input                        |              |                                  |                              |
| Location                          | ENUM         | Disabled                         |                              |
| Bounce filter                     | ENUM         | 0.002                            |                              |
| SYNC Edge                         | ENUM         | Rising                           |                              |
| EN input                          |              |                                  |                              |
| Location                          | ENUM         | Disabled                         |                              |
| Bounce filter                     | ENUM         | 0.002                            |                              |
| General                           |              | 5                                |                              |
| Frequency Generator A Output Type | ENUM         | Disabled                         |                              |
| EN input                          | CTDING       | lalde disasse di                 |                              |
| EN input History                  | STRING       | 'old=-1 new=-1'                  |                              |
| SYNC input<br>SYNC input History  | CTDING       | 'old=-1 new=-1'                  |                              |
| . ,                               | STRING       | oid i fiew i                     |                              |
| General A output History          | STRING       | 'old=-1 new=-1'                  |                              |
| Temporary Instance name           | STRING       | "                                |                              |
| Pulse generation function         | ENUM         | None                             |                              |
| InstanceNumber                    | SINT         | 2                                |                              |
| Instance name                     | STRING       | "                                |                              |
| Output Mode                       | ENUM         | A ClockWise / B CounterClockWise |                              |
| A output location                 | ENUM         | Disabled                         |                              |
| B output location                 | ENUM         | Disabled                         |                              |
| Mechanics                         |              | 2.000.00                         |                              |
| Backlash Compensation             | DWORD        | 0                                |                              |
| Software Limits                   |              |                                  |                              |
| Enable Software Limits            | ENUM         | Enabled                          |                              |
| SW Low Limit                      | DINT         | -2147483648                      |                              |
| SW High Limit                     | DINT         | 2147483647                       |                              |
| General                           |              |                                  |                              |
| Maximum Velocity                  | DWORD        | 100000                           |                              |
| Start Velocity                    | DWORD        | 0                                |                              |
| Stop Velocity                     | DWORD        | 0                                |                              |
| Acc./Dec. Unit                    | ENUM         | Hz/ms                            |                              |
| Maximum Acceleration              | DWORD        | 100000                           |                              |
| Maximum Deceleration              | DWORD        | 100000                           |                              |
| Fast Stop                         | DWODD        | 5000                             |                              |
| Fast Stop Deceleration            | DWORD        | 5000                             |                              |
| REF input                         | CNILINA      | Disabled                         |                              |
| Location                          | ENUM         | Disabled 0.005                   |                              |
| Bounce filter<br>Type             | ENUM<br>ENUM | Normally opened                  |                              |
| INDEX input                       | ENUM         | Normally opened                  |                              |
| Location                          | ENUM         | Disabled                         |                              |
| Bounce filter                     | ENUM         | 0.005                            |                              |
| Type                              | ENUM         | Normally opened                  |                              |
| PROBE input                       |              | remany spenied                   |                              |
| Location                          | ENUM         | Disabled                         |                              |
| Bounce filter                     | ENUM         | 0.005                            |                              |
| General                           | -            |                                  |                              |
| PTO A Output Type                 | ENUM         | Disabled                         |                              |
| PTO B Output Type                 | ENUM         | Disabled                         |                              |
| PROBE input                       |              |                                  |                              |
| PROBE input History               | STRING       | 'old=-1 new=-1'                  |                              |
|                                   |              |                                  |                              |

| Visible Name                          | Base Type | Value                            | Default Value (if different) |
|---------------------------------------|-----------|----------------------------------|------------------------------|
| INDEX input                           | •         |                                  | , ,                          |
| INDEX input History                   | STRING    | 'old=-1 new=-1'                  |                              |
| REF input                             |           |                                  |                              |
| REF input History                     | STRING    | 'old=-1 new=-1'                  |                              |
| General                               |           |                                  |                              |
| B output History                      | STRING    | 'old=-1 new=-1'                  |                              |
| A output History                      | STRING    | 'old=-1 new=-1'                  |                              |
| Temporary Instance name               | STRING    | "                                |                              |
| Instance name                         | STRING    |                                  |                              |
| A output location                     | ENUM      | Disabled                         |                              |
| SYNC input                            | E111114   | B: 11 1                          |                              |
| Location                              | ENUM      | Disabled                         |                              |
| Bounce filter                         | ENUM      | 0.002<br>Bining                  |                              |
| SYNC Edge                             | ENUM      | Rising                           |                              |
| EN input Location                     | ENUM      | Disabled                         |                              |
| Bounce filter                         | ENUM      | 0.002                            |                              |
| General                               | LITOW     | 0.002                            |                              |
| PWM A Output Type                     | ENUM      | Disabled                         |                              |
| EN input                              |           |                                  |                              |
| EN input History                      | STRING    | 'old=-1 new=-1'                  |                              |
| SYNC input                            |           |                                  |                              |
| SYNC input History                    | STRING    | 'old=-1 new=-1'                  |                              |
| General                               |           |                                  |                              |
| A output History                      | STRING    | 'old=-1 new=-1'                  |                              |
| Temporary Instance name               | STRING    | "                                |                              |
| Instance name                         | STRING    | "                                |                              |
| A output location                     | ENUM      | Disabled                         |                              |
| SYNC input                            |           |                                  |                              |
| Location                              | ENUM      | Disabled                         |                              |
| Bounce filter                         | ENUM      | 0.002                            |                              |
| SYNC Edge                             | ENUM      | Rising                           |                              |
| EN input Location                     | ENUM      | Disabled                         |                              |
| Bounce filter                         | ENUM      | 0.002                            |                              |
| General                               | LINOW     | 0.002                            |                              |
| Frequency Generator A Output Type     | ENUM      | Disabled                         |                              |
| EN input                              | 2.10.11   | Dicablea                         |                              |
| EN input History                      | STRING    | 'old=-1 new=-1'                  |                              |
| SYNC input                            |           |                                  |                              |
| SYNC input History                    | STRING    | 'old=-1 new=-1'                  |                              |
| General                               |           |                                  |                              |
| A output History                      | STRING    | 'old=-1 new=-1'                  |                              |
| Temporary Instance name               | STRING    | "                                |                              |
| Pulse generation function             | ENUM      | None                             |                              |
| InstanceNumber                        | SINT      | 3                                |                              |
| Instance name                         | STRING    | "                                |                              |
| Output Mode                           | ENUM      | A ClockWise / B CounterClockWise |                              |
| A output location                     | ENUM      | Disabled                         |                              |
| B output location                     | ENUM      | Disabled                         |                              |
| Mechanics                             | DWORD     | 0                                |                              |
| Backlash Compensation Software Limits | DWORD     | 0                                |                              |
| Enable Software Limits                | ENUM      | Enabled                          |                              |
| SW Low Limit                          | DINT      | -2147483648                      |                              |
| SW High Limit                         | DINT      | 2147483647                       |                              |
| General                               | <i></i>   |                                  |                              |
| Maximum Velocity                      | DWORD     | 100000                           |                              |
| Start Velocity                        | DWORD     | 0                                |                              |
| •                                     |           |                                  |                              |

|   |           |                 | - 4 1:1.1 (14 114            |
|---|-----------|-----------------|------------------------------|
| Visible Name                            | Base Type |                 | Default Value (if different) |
| Stop Velocity                           | DWORD     | 0               |                              |
| Acc./Dec. Unit                          | ENUM      | Hz/ms           |                              |
| Maximum Acceleration                    | DWORD     | 100000          |                              |
| Maximum Deceleration                    | DWORD     | 100000          |                              |
| Fast Stop Fast Stop Deceleration        | DWORD     | 5000            |                              |
| REF input                               | DWOND     | 3000            |                              |
| Location                                | ENUM      | Disabled        |                              |
| Bounce filter                           | ENUM      | 0.005           |                              |
| Type                                    | ENUM      | Normally opened |                              |
| INDEX input                             | Litoiii   | remany opened   |                              |
| Location                                | ENUM      | Disabled        |                              |
| Bounce filter                           | ENUM      | 0.005           |                              |
| Туре                                    | ENUM      | Normally opened |                              |
| PROBE input                             |           | , ,             |                              |
| Location                                | ENUM      | Disabled        |                              |
| Bounce filter                           | ENUM      | 0.005           |                              |
| General                                 |           |                 |                              |
| PTO A Output Type                       | ENUM      | Disabled        |                              |
| PTO B Output Type                       | ENUM      | Disabled        |                              |
| PROBE input                             |           |                 |                              |
| PROBE input History                     | STRING    | 'old=-1 new=-1' |                              |
| INDEX input                             |           |                 |                              |
| INDEX input History                     | STRING    | 'old=-1 new=-1' |                              |
| REF input                               |           |                 |                              |
| REF input History                       | STRING    | 'old=-1 new=-1' |                              |
| General                                 |           |                 |                              |
| B output History                        | STRING    | 'old=-1 new=-1' |                              |
| A output History                        | STRING    | 'old=-1 new=-1' |                              |
| Temporary Instance name                 | STRING    | "               |                              |
| Instance name                           | STRING    |                 |                              |
| A output location                       | ENUM      | Disabled        |                              |
| SYNC input                              |           | B: 11 1         |                              |
| Location                                | ENUM      | Disabled        |                              |
| Bounce filter                           | ENUM      | 0.002           |                              |
| SYNC Edge                               | ENUM      | Rising          |                              |
| EN input                                |           | Dischlad        |                              |
| Location                                | ENUM      | Disabled        |                              |
| Bounce filter<br>General                | ENUM      | 0.002           |                              |
| PWM A Output Type                       | ENUM      | Disabled        |                              |
|   | ENUM      | Disabled        |                              |
| EN input History                        | STRING    | 'old=-1 new=-1' |                              |
| EN input History                        | STRING    | Old1 Hew1       |                              |
| SYNC input<br>SYNC input History        | STRING    | 'old=-1 new=-1' |                              |
| General                                 | OTTAING   | old1 flew1      |                              |
| A output History                        | STRING    | 'old=-1 new=-1' |                              |
| Temporary Instance name                 | STRING    | "               |                              |
| Instance name                           | STRING    | п               |                              |
| A output location                       | ENUM      | Disabled        |                              |
| SYNC input                              | 2.10      | Diodbiod        |                              |
| Location                                | ENUM      | Disabled        |                              |
| Bounce filter                           | ENUM      | 0.002           |                              |
| SYNC Edge                               | ENUM      | Rising          |                              |
| EN input                                |           | 3               |                              |
| Location                                | ENUM      | Disabled        |                              |
| Bounce filter                           | ENUM      | 0.002           |                              |
| General                                 |           |                 |                              |
| Frequency Generator A Output Type       | ENUM      | Disabled        |                              |
| , |           |                 |                              |

Visible Name Base Type Value Default Value (if different)

EN input

EN input History STRING 'old=-1 new=-1'

SYNC input

SYNC input History STRING 'old=-1 new=-1'

General

A output History STRING 'old=-1 new=-1'

Temporary Instance name STRING "

#### **Information**

Name: Pulse Generators Vendor: Schneider Electric

Categories:

Type: 4096 ID: 101a 0707

Module ID: PULSE\_GENERATORS

Version: 5.2.11.24

Order number: - Description:

### 1.6 Device: Cartridge\_1

#### **Information**

Name: Cartridge

Vendor: Schneider Electric

Categories:

Type: 4096 ID: 101a 0707 Module ID: CARTRIDGE\_1 Version: 5.2.11.24

Order number: Description:

# 1.7 Device: IO\_Bus

#### **Information**

Name: IO bus - TM3 Vendor: Schneider Electric

Categories:

Type: 4096 ID: 101a 0707

Module ID: IO\_EXPANSION\_BUS

Version: 5.2.11.24

Order number: - Description:

### 1.8 Device: COM\_Bus

#### **Information**

Name: COM bus Vendor: Schneider Electric

Categories:

Type: 4096 ID: 101a 0707

Module ID: COM\_EXPANSION\_BUS

Version: 5.2.11.24

Order number: - Description:

### 1.9 Device: Ethernet\_1

#### **Information**

Name: Ethernet Network Vendor: Schneider Electric

Categories:

Type: 4096 ID: 101a 0707 Module ID: ETHERNET\_1 Version: 5.2.11.24

Order number: - Description:

# 1.10 Device: Serial\_Line\_1

#### **Configuration**

Visible Name Base Type Value Default Value (if different)

Serial Line Configuration

Baudrate **ENUM** 115200 Parity **ENUM** None Medium **ENUM** RS485 Polarization **ENUM** No **ENUM** 8 DataBits **ENUM** StopBits 1

#### **Information**

Name: Serial line

Vendor: Schneider Electric

Categories:

Type: 4096

ID: 101a 0707 Module ID: SERIAL\_LINE\_1

Version: 5.2.11.24

Order number: -

#### Description:

### 1.10.1 Device: Machine\_Expert\_Network\_Manager

#### **Information**

Name: Machine Expert-Network Manager

Vendor: Schneider Electric Categories: Protocol Managers

Type: 41102 ID: 101a 000d Version: 4.0.0.4

Description: Machine Expert - Network manager

# 1.11 Device: Serial\_Line\_2

#### **Configuration**

| Visible Name              | Base Type | Value | Default Value (if different) |
|---------------------------|-----------|-------|------------------------------|
| Serial Line Configuration |           |       |                              |
| Baudrate                  | ENUM      | 19200 |                              |
| Parity                    | ENUM      | Even  |                              |
| Medium                    | ENUM      | RS485 |                              |
| Polarization              | ENUM      | No    |                              |
| DataBits                  | ENUM      | 8     |                              |
| StopBits                  | ENUM      | 1     |                              |

#### **Information**

Name: Serial line
Vendor: Schneider Electric

Categories:

Type: 4096
ID: 101a 0707
Module ID: SERIAL\_LINE\_2
Version: 5.2.11.24

Order number: Description:

### 1.11.1 Device: Modbus\_Manager

#### **Configuration**

| Visible Name         | Base Type | Value    | Default Value (if different) |
|----------------------|-----------|----------|------------------------------|
| Modbus Configuration |           |          |                              |
| Inter-frame delay    | WORD      | 10       |                              |
| Address              | BYTE      | 1        |                              |
| Transmission Mode    | ENUM      | RTU      |                              |
| CoDeSys compliance   | ENUM      | No       |                              |
| Routing Mode         | ENUM      | Main Net |                              |
| _                    |           |          |                              |

#### **Information**

Name: Modbus Manager Vendor: Schneider Electric

Categories: Modbus Serial Port, Protocol Managers

Type: 41101 ID: 101a 000c Version: 4.0.0.4

Description: Modbus manager

# 1.12 Device: CAN\_1

#### **Information**

Name: CANopen bus Vendor: Schneider Electric

Categories:

Type: 4096 ID: 101a 0707 Module ID: CANOPEN Version: 5.2.11.24

Order number:

Description:

Configuration version: 3.5.15.0

# 2 Project Information: Project Information

<u>File</u>

Name FactorIO\_FromAtoB.project

Location C:\Users\PC Automatisme\Downloads\jbluem

**Size** 2.28 MB (2,391,504 bytes)

MS-DOS name C:\Users\PCAUTO~1\DOWNLO~1\jbluem\FACTOR~1.PRO

CreatedWednesday, November 27, 2024 9:32:45 AMChangedWednesday, November 27, 2024 12:59:16 PMLast accessFriday, November 29, 2024 3:38:15 PM

Attributes Archive Storage format V22.1.1.0

**Summary** 

Company IRI

Title FactorIO\_FromAtoB

Version 0.0.0.0

**Library Categories** 

Default namespace

Author PC Automatisme

Description

**Properties** 

Author [Text] PC Automatisme

Company [Text] IRI Description [Text]

Git:IsGitManaged [Boolean] False

Project [Text] FactorIO\_FromAtoB

Svn:lsSvnManaged [Boolean] False

Title [Text] FactorIO\_FromAtoB

Version [Version] 0.0.0.0

**Statistics** 

Project Information 1

Task Configuration1Transition3

| Symbol Configuration | 1  |
|----------------------|----|
| Global Variable List | 1  |
| POU                  | 3  |
|                      | 1  |
| Task                 | 1  |
| Library Manager      | 1  |
| PLC Logic            | 1  |
| Device               | 14 |
| Program Call         | 2  |
| Application          | 1  |

# 3 : Project Settings

Static Analysis Light:

Unused variables (#33): 0
Overlapping memory areas (#28): 0
Write access from several tasks (#6): 0
Multiple write access on output (#4): 0
Multiple uses of identifiers (#27): 0
Report temporary FunctionBlock instances (#167): 0
Suspicious operation on string (#175): 0