Project Documentation

Table of contents

1 Device: M241_Simul

Users and Groups

Users:

Groups

Access Rights

View
Modify
Execute
Add/remove children

Symbol Rights

Information

Name:	TM241CEC24R
Vendor:	Schneider Electric
Categories:	PLCs, M241
Type:	4096
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.
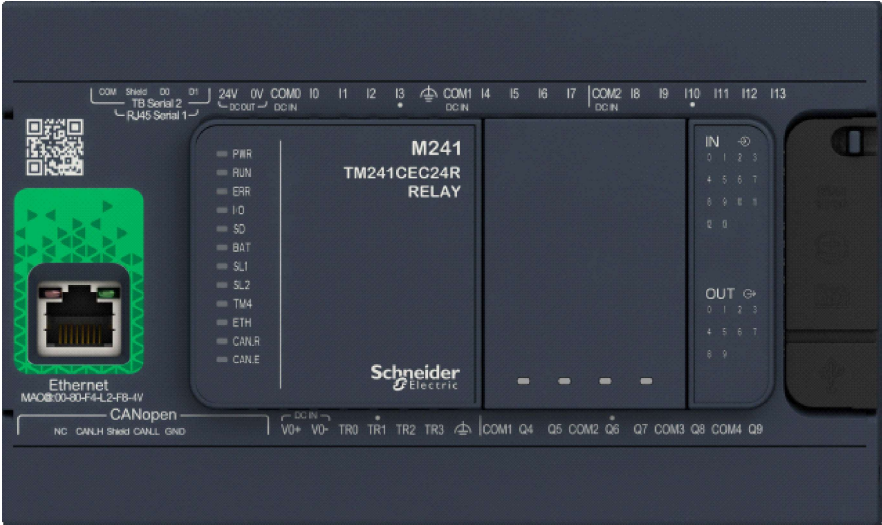
1.1   PLC Logic: Plc Logic

1.1.1   Application: Application

1.1.1.1   Global Variable List: VariablesFactoIO

```
 1      {attribute 'qualified_only'}
 2      VAR_GLOBAL
 3          S1_IN :  BOOL ;
 4          S2_OUT :  BOOL ;
 5          S3_Start :  BOOL ;
 6          H1_Start :  BOOL ;
 7          Backward :  BOOL ;
 8          Forward :  BOOL ;
 9      END_VAR
10
```

1.1.1.2   Library Manager: Library Manager

#IoStandard
   Base Interfaces, * (System)
   SysTypes2 Interfaces, * (System)
   CmpErrors2 Interfaces, * (System)
   #CmpIoMgr Implementation
      CmpErrors2 Interfaces, * (System)
      SysTypes2 Interfaces, * (System)
      CmpIoMgr Interfaces, * (System)
      Base Interfaces, * (System)
   CmpIoMgr 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)
       #CmpIecTask
          #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)
    #CmpIoMgr Implementation
      CmpErrors2 Interfaces, * (System)
      SysTypes2 Interfaces, * (System)
      CmpIoMgr Interfaces, * (System)

CmpIoMgr Interfaces, * (System)
#CAA Types
  #SysCpuHandling
    #SysMem
      SysTypes2 Interfaces, * (System)
    SysTypes2 Interfaces, * (System)
    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)
#IoStandard
  Base Interfaces, * (System)
  SysTypes2 Interfaces, * (System)
  CmpErrors2 Interfaces, * (System)
  #CmpIoMgr Implementation
    CmpErrors2 Interfaces, * (System)
    SysTypes2 Interfaces, * (System)
    CmpIoMgr Interfaces, * (System)
    Base Interfaces, * (System)
  CmpIoMgr Interfaces, * (System)
#SysMem
  SysTypes2 Interfaces, * (System)
#IoDrvBase
  #IoStandard
    Base Interfaces, * (System)
    SysTypes2 Interfaces, * (System)
    CmpErrors2 Interfaces, * (System)
    #CmpIoMgr Implementation
      CmpErrors2 Interfaces, * (System)
      SysTypes2 Interfaces, * (System)
      CmpIoMgr Interfaces, * (System)
      Base Interfaces, * (System)
    CmpIoMgr 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)
            #CmpIoMgr Implementation
               CmpErrors2 Interfaces, * (System)
               SysTypes2 Interfaces, * (System)
               CmpIoMgr Interfaces, * (System)
               Base Interfaces, * (System)
            CmpIoMgr 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)
#IecVarAccess
   #Component Manager
      #CmpEventMgr
         CmpEventMgr Interfaces, * (System)
         #CmpEventMgr Implementation
            CmpEventMgr 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)
#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)
IecVarAccess3 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)
      #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)
Collections Interfaces, * (System)
#CmpIecVarAccess
   CmpIecVarAccess Interfaces, * (System)
   #CmpIecVarAccess Implementation
      Base Interfaces, * (System)
      SysTypes2 Interfaces, * (System)
      IecVarAccess3 Interfaces, * (System)
      Collections Interfaces, * (System)
      CmpIecVarAccess 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)
IecVarAccess3 Interfaces, * (System)
Collections Interfaces, * (System)
#CmpIecVarAccess
   CmpIecVarAccess Interfaces, * (System)
   #CmpIecVarAccess Implementation
      Base Interfaces, * (System)
      SysTypes2 Interfaces, * (System)

Collections Interfaces, * (System)
CmpIecVarAccess 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)
#SysMem
SysTypes2 Interfaces, * (System)
#IecSfc
#Standard
#Analyzation

1.1.1.3   POU: FromAtoB_LD

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

---

1   *Gestion marche avant (Forward)*

   VariablesFactoIO.S3_Start   VariablesFactoIO.S1_IN   VariablesFactoIO.S.
          ┤ ├   ┤/├   ┤ ├

   VariablesFactoIO.Forward
          ┤ ├

2   *Gestion marche arrière (Backward)*

   VariablesFactoIO.S2_OUT   VariablesFactoIO.S1_IN   VariablesFactoIO.
          ┤/├   ┤ ├   ( )

   VariablesFactoIO.Backward
          ┤ ├
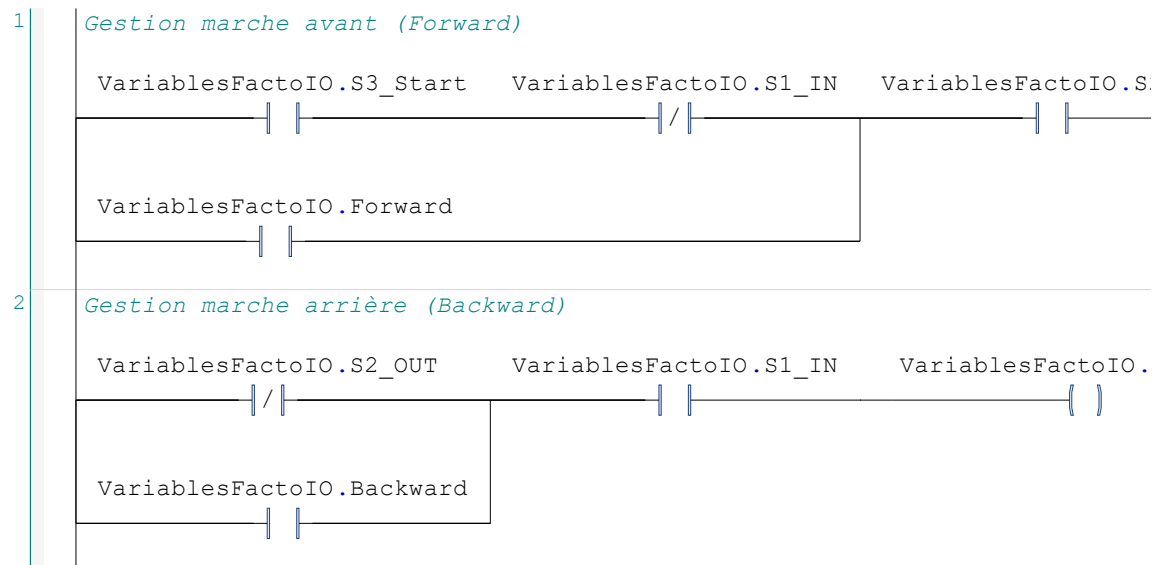
```
2_OUT      VariablesFactoIO.Forward
——————————————————————————————————( )
```

Backward

3 *Gestion Voyant (H1_Start)*

```
    VariablesFactoIO.Forward                              VariablesFactoIO.H1_Start
    ┤ ├                                                         ( )


    VariablesFactoIO.Backward
    ┤ ├
```
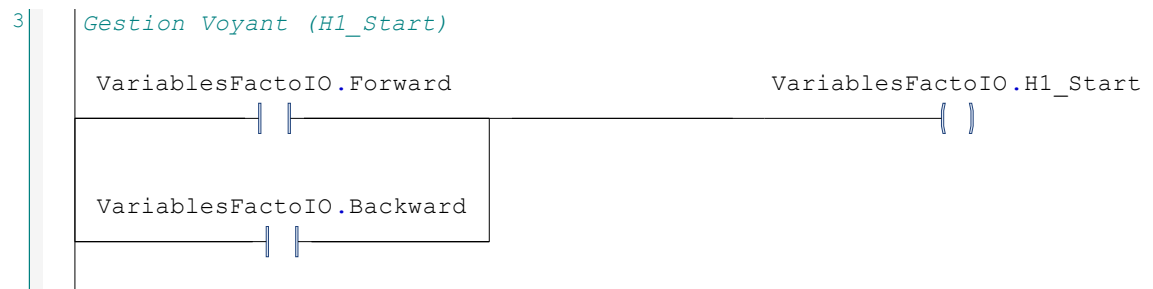
1.1.1.4   POU: FromAtoB_SFC

```
1      PROGRAM  FromAtoB_SFC
2      VAR
3          E1x :  BOOL ;
4      END_VAR
5
```

1.1.1.4.1 Transition: E0_E1
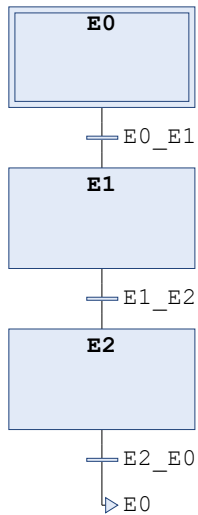
```
1   From E0 to E1

    VariablesFactoIO.S3_Start    VariablesFactoIO.S1_IN                E0_E1
                      ┤ ├                              ┤/├                    ( )
```

1.1.1.4.2 Transition: E1_E2
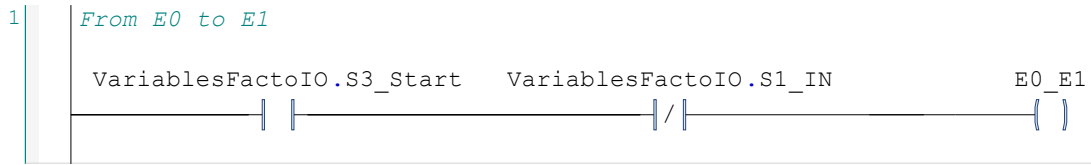
```
1 |  From E1 to E2

       VariablesFactoIO.S2_OUT                                        E1_E2
    ————————————————|/|————————————————————————————————————————————————( )——
```

1.1.1.4.3 Transition: E2_E0

```
1 |  From E2 to E0

       VariablesFactoIO.S1_IN                                    E2_E0
   ─────────────────────┤ / ├────────────────────────────────────( )─
```

1.1.1.5   POU: Sorties

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

1 *Forward*

```
    FromAtoB_SFC.E1.x                          VariablesFactoIO.Forward
         ─┤ ├─────────────────────────────────────────────( )
```

2 *Backward*

```
    FromAtoB_SFC.E2.x                          VariablesFactoIO.Backward
         ─┤ ├─────────────────────────────────────────────( )
```

3 *Voyant Start*

```
    FromAtoB_SFC.E1.x                          VariablesFactoIO.H1_Start
         ─┤ ├──────┬──────────────────────────────────────( )
              │
    FromAtoB_SFC.E2.x
         ─┤ ├──────┘
```
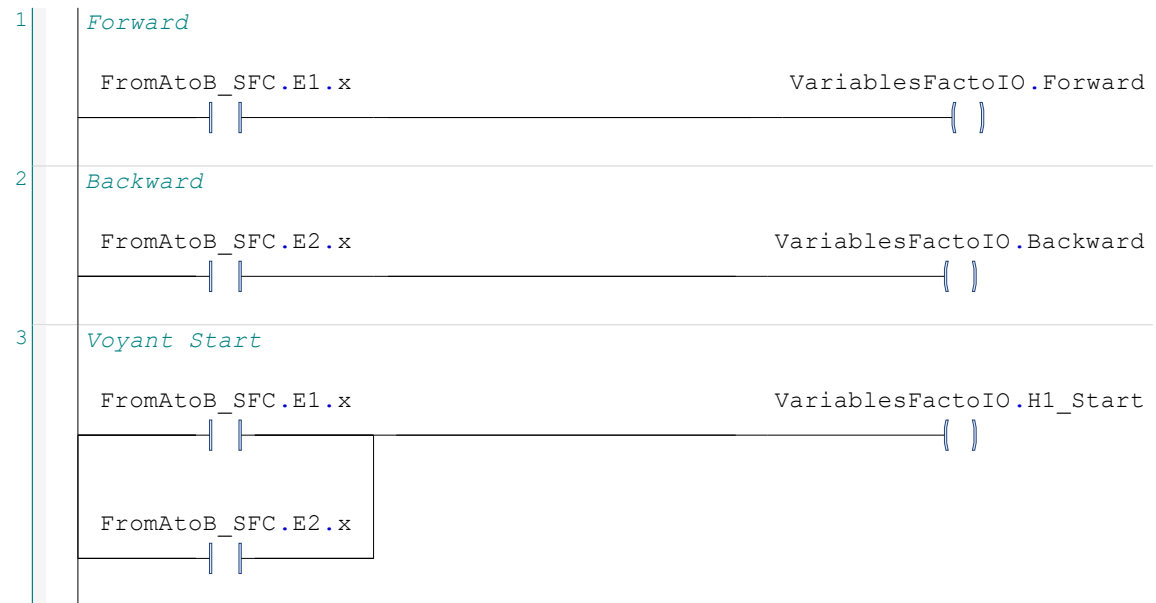
1.1.1.6   Symbol Configuration: Symbols

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

Visible Name	Base Type	Value	Default Value (if different)
Inputs Parameters			
I0			
Filter	ENUM	4	
Latch	ENUM	No	
Event	ENUM	No	
Bounce	ENUM	0.000	
I1			
Filter	ENUM	4	
Latch	ENUM	No	
Event	ENUM	No	
Bounce	ENUM	0.000	
I2			
Filter	ENUM	4	
Latch	ENUM	No	
Event	ENUM	No	
Bounce	ENUM	0.000	

Visible Name	Base Type	Value	Default Value (if different)
I3			
Filter	ENUM	4	
Latch	ENUM	No	
Event	ENUM	No	
Bounce	ENUM	0.000	
I4			
Filter	ENUM	4	
Latch	ENUM	No	
Event	ENUM	No	
Bounce	ENUM	0.000	
I5			
Filter	ENUM	4	
Latch	ENUM	No	
Event	ENUM	No	
Bounce	ENUM	0.000	
I6			
Filter	ENUM	4	
Latch	ENUM	No	
Event	ENUM	No	
Bounce	ENUM	0.000	
I7			
Filter	ENUM	4	
Latch	ENUM	No	
Event	ENUM	No	
Bounce	ENUM	0.000	
I8			
Filter	ENUM	4	
I9			
Filter	ENUM	4	
I10			
Filter	ENUM	4	
I11			
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	Base Type	Value	Default Value (if different)
Counting function	ENUM	None	
InstanceNumber	SINT	0	
General			
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	"	
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	Base Type	Value	Default Value (if different)
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			
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			
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	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			
SYNC input History	STRING	'old=-1 new=-1'	
EN input			
EN input History	STRING	'old=-1 new=-1'	

Visible Name	Base Type	Value	Default Value (if different)
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			
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			
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	''	

Visible Name	Base Type	Value	Default Value (if different)
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			
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			
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			
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			
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	1	
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			

Visible Name	Base Type	Value	Default Value (if different)
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	
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			
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			
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	ENUM	None	
Stop External Event	STRING	"	
Threshold 0 External Event	STRING	"	
Threshold 1 External Event	STRING	"	
Threshold 2 External Event	STRING	"	

Visible Name	Base Type	Value	Default Value (if different)
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			
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			
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	

Visible Name	Base Type	Value	Default Value (if different)
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			
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			
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			
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			
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	

Visible Name	Base Type	Value	Default Value (if different)
InstanceNumber	SINT	2	
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	"	
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	
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			
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			
Reflex 0 value	BOOL	FALSE	
Reflex 1 value	BOOL	FALSE	
Events			

Visible Name	Base Type	Value	Default Value (if different)
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			
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			
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			

Visible Name	Base Type	Value	Default Value (if different)
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	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			
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			
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			
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			

Visible Name	Base Type	Value	Default Value (if different)
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			
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	''	
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	
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			
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	

Visible Name	Base Type	Value	Default Value (if different)
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			
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			
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			
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			

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	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			
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			
Location	ENUM	Disabled	
Bounce filter	ENUM	0.002	
Range			
Time base	ENUM	1000	
EN input			
Location	ENUM	Disabled	
Bounce filter	ENUM	0.002	

Visible Name	Base Type	Value	Default Value (if different)
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			
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	4	
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	"	
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	
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			
Mode	ENUM	Preset	
Thresholds			
Number of thresholds	ENUM	0	
Threshold 0 value	DWORD	0	
Threshold 1 value	DWORD	0	
Threshold 2 value	DWORD	0	

Visible Name	Base Type	Value	Default Value (if different)
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			
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	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			
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			
Location	ENUM	Disabled	
Bounce filter	ENUM	0.002	
B input			
Location	ENUM	Disabled	
Bounce filter	ENUM	0.002	
Range			
Preset	DINT	2147483647	

Visible Name	Base Type	Value	Default Value (if different)
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			
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	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			
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'	

Visible Name	Base Type	Value	Default Value (if different)
General			
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			
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			
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	5	
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	"	
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	
Bounce filter	ENUM	0.002	
SYNC input			
Location	ENUM	Disabled	
Bounce filter	ENUM	0.002	

Visible Name	Base Type	Value	Default Value (if different)
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	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			
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	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			
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	''	

Visible Name	Base Type	Value	Default Value (if different)
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			
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			
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	STRING	"	
Threshold 2 External Event	STRING	"	
Threshold 3 External Event	STRING	"	
Reflex 1 output			

Visible Name	Base Type	Value	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			
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			
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			
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			
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	6	
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	''	
Instance name	STRING	''	
Counting Mode	ENUM	One-shot	
A input			

Visible Name	Base Type	Value	Default Value (if different)
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			
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			
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			
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			

Visible Name	Base Type	Value	Default Value (if different)
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			
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			
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			

Visible Name	Base Type	Value	Default Value (if different)
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			
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			
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			
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			
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	7	
Instance name	STRING	''	
Counting Mode	ENUM	One-shot	
A input			

Visible Name	Base Type	Value	Default Value (if different)
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	
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			
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			
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	

Visible Name	Base Type	Value	Default Value (if different)
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			
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			
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			
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	
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	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			
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			
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			
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			
Location	ENUM	Disabled	

Visible Name	Base Type	Value	Default Value (if different)
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	8	
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	''	
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	
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			
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	

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			
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			
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			
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	

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			
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	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			
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			
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			
A input History	STRING	'old=-1 new=-1'	
General			

Visible Name	Base Type	Value	Default Value (if different)
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			
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	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			
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	
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			
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			

Visible Name	Base Type	Value	Default Value (if different)
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			
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			
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			
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	

Visible Name	Base Type	Value	Default Value (if different)
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			
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	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			
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			

Visible Name	Base Type	Value	Default Value (if different)
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			
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			
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	10	
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	"	
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	
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	

Visible Name	Base Type	Value	Default Value (if different)
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			
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			
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			
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			

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			
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	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			

Visible Name	Base Type	Value	Default Value (if different)
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			
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			
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			
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	11	
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	"	
Instance name	STRING	"	
Counting Mode	ENUM	One-shot	
A input			
Location	ENUM	Disabled	
Bounce filter	ENUM	0.002	
Range			
Preset	DWORD	2147483647	

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			
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			
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	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			

Visible Name	Base Type	Value	Default Value (if different)
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			
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			
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	

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	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			
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			
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			
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			
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	12	
Instance name	STRING	''	
Counting Mode	ENUM	One-shot	
A input			
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			
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	
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			
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			
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	ENUM	None	
Stop External Event	STRING	''	

Visible Name	Base Type	Value	Default Value (if different)
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			
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			
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			
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	

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			
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			
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			
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			
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			
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	''	
Counting function	ENUM	None	
InstanceNumber	SINT	13	
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	''	
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	
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			
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			

Visible Name	Base Type	Value	Default Value (if different)
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	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			
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			
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			

Visible Name	Base Type	Value	Default Value (if different)
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	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			
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			
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			
A input History	STRING	'old=-1 new=-1'	
General			
Temporary Instance name	STRING	''	
Instance name	STRING	''	
PeriodMeter Mode	ENUM	Edge to Edge	
A input			

Visible Name	Base Type	Value	Default Value (if different)
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			
Temporary Instance name	STRING	''	

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	Base Type	Value	Default Value (if different)
Pulse generation function	ENUM	None	
InstanceNumber	SINT	0	
General			
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	DWORD	5000	
REF input			

Visible Name	Base Type	Value	Default Value (if different)
Location	ENUM	Disabled	
Bounce filter	ENUM	0.005	
Type	ENUM	Normally opened	
INDEX input			
Location	ENUM	Disabled	
Bounce filter	ENUM	0.005	
Type	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			
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			
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			
Frequency Generator 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	''	

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			
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	DWORD	5000	
REF input			
Location	ENUM	Disabled	
Bounce filter	ENUM	0.005	
Type	ENUM	Normally opened	
INDEX input			
Location	ENUM	Disabled	
Bounce filter	ENUM	0.005	
Type	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			
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			

Visible Name	Base Type	Value	Default Value (if different)
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			
Frequency Generator 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	''	
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			
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	DWORD	5000	
REF input			
Location	ENUM	Disabled	
Bounce filter	ENUM	0.005	
Type	ENUM	Normally opened	
INDEX input			
Location	ENUM	Disabled	
Bounce filter	ENUM	0.005	
Type	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'	

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			
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			
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			
Frequency Generator 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	''	
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			
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	

Visible Name	Base Type	Value	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			
Location	ENUM	Disabled	
Bounce filter	ENUM	0.005	
Type	ENUM	Normally opened	
INDEX input			
Location	ENUM	Disabled	
Bounce filter	ENUM	0.005	
Type	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			
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			
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			
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	
DataBits	ENUM	8	
StopBits	ENUM	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

File

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
Created	Wednesday, November 27, 2024 9:32:45 AM
Changed	Wednesday, November 27, 2024 12:59:16 PM
Last access	Friday, 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:IsSvnManaged	[Boolean] False
Title	[Text] FactorIO_FromAtoB
Version	[Version] 0.0.0.0

Statistics

Project Information	1
	1
Task Configuration	1
Transition	3

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