Totally Integrated Automation Portal		
DI C 1 [CDII 12120	AC/DC/Plv1	

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

DI C 4					
PLC_1 General\Project info	rmation				
Name	PLC_1	Author	LAB4	Comment	
Slot	1	Rack	0		
General\Catalog info		Description	Work mamon, 75 KB, 120/240VAC	Article number	6FC7 212 1BF40 0VB0
Short designation	CPU 1212C AC/DC/Rly	Description	Work memory 75 KB; 120/240VAC power supply with DI8 x 24VDC SINK/SOURCE, DQ6 x relay and Al2 on board; 4 high-speed counters (expandable with digital signal board) and 4 pulse outputs on board; signal board expands onboard I/O; up to 3 communication modules for serial communication; up to 2 signal modules for I/O expansion; 0.04 ms/1000 instructions; PROFINET interface for programming, HMI and PLC to PLC communication	Article number	6ES7 212-1BE40-0XB0
Firmware version	V4.1				
General\Identification	n & Maintenance				
Plant designation Additional informa-		Location identifier		Installation date	2019-04-02 15:05:51.859
tion					
PROFINET interface	_	A . I	LADA		
Name PROFINET interface	PROFINET interface_1 [X1]\General\Project information	Author	LAB4	Comment	
Name	DI 8/DQ 6_1	Comment		Name	AI 2_1
Comment					
PROFINET interface   Subnet:	X1]\Ethernet addresses\Interface r  PN/IE_1	networked with			
	PN/IE_I  X1] Ethernet addresses\IP protoco				
	Set IP address in the project	IP address:	192.168.1.45	Subnet mask:	255.255.255.0
Use router	False				
PROFINET interface   PROFINET device	X1]\Ethernet addresses\PROFINET    False	Generate PROFINET	True	PROFINET device	plc_1
name is set directly	i disc	device name auto-	Truc	name	prc_1
at the device		matically			
Converted name: PROFINET interface	plcxb1d0ed [X1]\Time synchronization	Device number:	0		
Enable time syn-	Enable time synchronization via		IP addresses	Server 1	0.0.0.0
chronization via NTP server	NTP server				
Server 2	0.0.0.0	Server 3	0.0.0.0	Server 4	0.0.0.0
Update interval	10sec				
PROFINET interface	V1]\Digital inputc\Channol0				
Channal adduses		Innut filtare	6.4 millions	Fueble mules estab	0
Channel address PROFINET interface	10.0	Input filters	6.4 millisec	Enable pulse catch	0
PROFINET interface   Enable rising edge		RidPrefixRisingEdg-	6.4 millisec 49152	Enable pulse catch  Event name:	0
PROFINET interface   Enable rising edge detection	IO.0 [X1]\Digital inputs\Channel0\ 0	RidPrefixRisingEdg- eEvent	49152		
PROFINET interface   Enable rising edge detection Hardware interrupt:	IO.0 [X1]\Digital inputs\Channel0\ 0	RidPrefixRisingEdg-			
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge	I0.0  X1]\Digital inputs\Channel0\ 0  0  X1]\Digital inputs\Channel0\	RidPrefixRisingEdg- eEvent Rising edge0 RidPrefixFallingEdg-	49152 Rising edge0		
PROFINET interface   Enable rising edge   detection   Hardware interrupt:   PROFINET interface   Enable falling edge   detection	IO.0  [X1]\Digital inputs\Channel0\  0  [X1]\Digital inputs\Channel0\  0  [X1]\Digital inputs\Channel0\  0	RidPrefixRisingEdg- eEvent Rising edge0 RidPrefixFallingEdg- eEvent	49152 Rising edge0 49280	Event name:	0
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt:	IO.0  [X1]\Digital inputs\Channel0\  0  [X1]\Digital inputs\Channel0\  0  [X1]\Digital inputs\Channel0\  0	RidPrefixRisingEdg- eEvent Rising edge0 RidPrefixFallingEdg-	49152 Rising edge0	Event name:	0
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address	IO.0  X1]\Digital inputs\Channel0\ 0  X1]\Digital inputs\Channel0\ 0  X1]\Digital inputs\Channel1  IO.1	RidPrefixRisingEdg- eEvent Rising edge0 RidPrefixFallingEdg- eEvent	49152 Rising edge0 49280	Event name:	0
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface	IO.0  [X1]\Digital inputs\Channel0\  0  X1]\Digital inputs\Channel0\  0  X1]\Digital inputs\Channel1  IO.1  [X1]\Digital inputs\Channel1\	RidPrefixRisingEdg- eEvent Rising edge0 RidPrefixFallingEdg- eEvent Falling edge0	49152 Rising edge0 49280 Falling edge0 6.4 millisec	Event name:  Event name:  Enable pulse catch	0
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection	IO.0  [X1]\Digital inputs\Channel0\  0  [X1]\Digital inputs\Channel0\  0  [X1]\Digital inputs\Channel1  IO.1  [X1]\Digital inputs\Channel1\  0	RidPrefixRisingEdg- eEvent Rising edge0 RidPrefixFallingEdg- eEvent Falling edge0 Input filters RidPrefixRisingEdg- eEvent	49152 Rising edge0 49280 Falling edge0 6.4 millisec	Event name:	0
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt:	IO.0  [X1]\Digital inputs\Channel0\  0  [X1]\Digital inputs\Channel0\  0  [X1]\Digital inputs\Channel1  IO.1  [X1]\Digital inputs\Channel1\  0  0	RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg-	49152 Rising edge0 49280 Falling edge0 6.4 millisec	Event name:  Event name:  Enable pulse catch	0
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt:	IO.0  X1]\Digital inputs\Channel0\ 0  X1]\Digital inputs\Channel0\ 0  X1]\Digital inputs\Channel1  IO.1  X1]\Digital inputs\Channel1\ 0  0  X1]\Digital inputs\Channel1\	RidPrefixRisingEdg- eEvent Rising edge0 RidPrefixFallingEdg- eEvent Falling edge0 Input filters RidPrefixRisingEdg- eEvent	49152 Rising edge0 49280 Falling edge0 6.4 millisec 49153 Rising edge1	Event name:  Event name:  Enable pulse catch	0
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection	IO.0  X1]\Digital inputs\Channel0\ 0  X1]\Digital inputs\Channel0\ 0  X1]\Digital inputs\Channel1  IO.1  X1]\Digital inputs\Channel1\ 0  X1]\Digital inputs\Channel1\ 0	RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent	49152 Rising edge0 49280 Falling edge0 6.4 millisec 49153 Rising edge1	Event name:  Event name:  Enable pulse catch  Event name:	0 0
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt:		RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg-	49152 Rising edge0 49280 Falling edge0 6.4 millisec 49153 Rising edge1	Event name:  Event name:  Enable pulse catch  Event name:	0 0
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt:	IO.0  X1]\Digital inputs\Channel0\ 0  X1]\Digital inputs\Channel0\ 0  X1]\Digital inputs\Channel1  IO.1  X1]\Digital inputs\Channel1\ 0  X1]\Digital inputs\Channel1\ 0	RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent	49152 Rising edge0 49280 Falling edge0 6.4 millisec 49153 Rising edge1	Event name:  Event name:  Enable pulse catch  Event name:	O
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Channel address		RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent Falling edge1  Input filters	49152 Rising edge0 49280 Falling edge0 6.4 millisec 49153 Rising edge1 49281 Falling edge1 6.4 millisec	Event name:  Event name:  Enable pulse catch  Event name:  Event name:	O
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge		RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent Falling edge1  Input filters  RidPrefixFallingEdg- eEvent Falling edge1	49152 Rising edge0 49280 Falling edge0 6.4 millisec 49153 Rising edge1 49281 Falling edge1	Event name:  Event name:  Enable pulse catch  Event name:  Event name:	O
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Channel address		RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent Falling edge1  Input filters	49152 Rising edge0 49280 Falling edge0 6.4 millisec 49153 Rising edge1 49281 Falling edge1 6.4 millisec	Event name:  Event name:  Enable pulse catch  Event name:  Event name:	O
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   PROF		RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent Falling edge1  Input filters  RidPrefixRisingEdg- eEvent Falling edge1	49152 Rising edge0 49280 Falling edge0 6.4 millisec 49153 Rising edge1 49281 Falling edge1 6.4 millisec 49154 Rising edge2	Event name:  Event name:  Enable pulse catch  Event name:  Event name:  Enable pulse catch  Event name:	O
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge		RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent Falling edge1  Input filters  RidPrefixRisingEdg- eEvent Falling edge1  Input filters  RidPrefixRisingEdg- eEvent Rising edge2  RidPrefixFallingEdg-	49152 Rising edge0 49280 Falling edge0 6.4 millisec 49153 Rising edge1 49281 Falling edge1 6.4 millisec 49154 Rising edge2	Event name:  Event name:  Enable pulse catch  Event name:  Event name:	O
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   PROF		RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent Falling edge1  Input filters  RidPrefixRisingEdg- eEvent Falling edge1	49152 Rising edge0 49280 Falling edge0 6.4 millisec 49153 Rising edge1 49281 Falling edge1 6.4 millisec 49154 Rising edge2	Event name:  Event name:  Enable pulse catch  Event name:  Event name:  Enable pulse catch  Event name:	O
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface		RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent Falling edge1  Input filters  RidPrefixRisingEdg- eEvent Falling edge2  RidPrefixRisingEdg- eEvent Rising edge2  RidPrefixFallingEdg- eEvent Falling edge2	A9152 Rising edge0  49280 Falling edge0 6.4 millisec  49153 Rising edge1  49281 Falling edge1 6.4 millisec  49154 Rising edge2  49282 Falling edge2	Event name:  Event name:  Enable pulse catch  Event name:  Event name:  Enable pulse catch  Event name:	O
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address		RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent Falling edge1  Input filters  RidPrefixRisingEdg- eEvent Falling edge1	49152 Rising edge0 49280 Falling edge0 6.4 millisec 49153 Rising edge1 49281 Falling edge1 6.4 millisec 49154 Rising edge2 49282	Event name:  Event name:  Enable pulse catch  Event name:  Event name:  Enable pulse catch  Event name:	O
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address		RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent Falling edge1  Input filters  RidPrefixRisingEdg- eEvent Falling edge2  RidPrefixRisingEdg- eEvent Rising edge2  RidPrefixFallingEdg- eEvent Falling edge2	A9152 Rising edge0  49280 Falling edge0 6.4 millisec  49153 Rising edge1  49281 Falling edge1 6.4 millisec  49154 Rising edge2  49282 Falling edge2	Event name:  Event name:  Enable pulse catch  Event name:  Event name:  Enable pulse catch  Event name:	O
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection		RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent Falling edge1  Input filters  RidPrefixRisingEdg- eEvent Rising edge2  RidPrefixFallingEdg- eEvent Rising edge2  Input filters  RidPrefixFallingEdg- eEvent Rising edge2  Input filters  RidPrefixFallingEdg- eEvent Falling edge2	49152 Rising edge0 49280 Falling edge0 6.4 millisec 49153 Rising edge1 49281 Falling edge1 6.4 millisec 49154 Rising edge2 49282 Falling edge2 6.4 millisec	Event name:  Event name:  Enable pulse catch  Event name:  Event name:  Enable pulse catch  Event name:  Enable pulse catch  Event name:	O
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection		RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent Falling edge1  Input filters  RidPrefixRisingEdg- eEvent Rising edge2  RidPrefixFallingEdg- eEvent Rising edge2  RidPrefixFallingEdg- eEvent Rising edge2  Input filters  RidPrefixFallingEdg- eEvent Falling edge2	49152 Rising edge0 49280 Falling edge0 6.4 millisec 49153 Rising edge1 49281 Falling edge1 6.4 millisec 49154 Rising edge2 49282 Falling edge2 6.4 millisec	Event name:  Event name:  Enable pulse catch  Event name:  Event name:  Enable pulse catch  Event name:  Enable pulse catch  Event name:	O
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection		RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent Falling edge1  Input filters  RidPrefixRisingEdg- eEvent Rising edge2  RidPrefixFallingEdg- eEvent Rising edge2  Input filters  RidPrefixFallingEdg- eEvent Rising edge2  Input filters  RidPrefixFallingEdg- eEvent Falling edge2	A9152 Rising edge0  49280 Falling edge0 6.4 millisec  49153 Rising edge1  49281 Falling edge1 6.4 millisec  49154 Rising edge2  49282 Falling edge2 6.4 millisec  49155 Rising edge3	Event name:  Event name:  Enable pulse catch  Event name:  Event name:  Enable pulse catch  Event name:  Enable pulse catch  Event name:	O
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection		RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent Falling edge1  Input filters  RidPrefixRisingEdg- eEvent Falling edge2  RidPrefixFallingEdg- eEvent Rising edge2  RidPrefixFallingEdg- eEvent Falling edge2  Input filters  RidPrefixRisingEdg- eEvent Falling edge2  Input filters  RidPrefixRisingEdg- eEvent Rising edge3  RidPrefixFallingEdg- eEvent Rising edge3	49152 Rising edge0 49280 Falling edge0 6.4 millisec 49153 Rising edge1 49281 Falling edge1 6.4 millisec 49154 Rising edge2 49282 Falling edge2 6.4 millisec 49155 Rising edge3	Event name:  Event name:  Enable pulse catch  Event name:  Enable pulse catch  Event name:  Event name:  Event name:	
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt:   PROFINET interface   Enable falling edge detection   Hardware interrupt:   Enable falling edge   Enable f		RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent Falling edge1  Input filters  RidPrefixRisingEdg- eEvent Falling edge2  RidPrefixFallingEdg- eEvent Rising edge2  RidPrefixFallingEdg- eEvent Falling edge2  RidPrefixFallingEdg- eEvent Falling edge2  Input filters  RidPrefixRisingEdg- eEvent Falling edge2  Input filters  RidPrefixRisingEdg- eEvent Rising edge3  RidPrefixFallingEdg-	A9152 Rising edge0  49280 Falling edge0 6.4 millisec  49153 Rising edge1  49281 Falling edge1 6.4 millisec  49154 Rising edge2  49282 Falling edge2 6.4 millisec  49155 Rising edge3	Event name:  Event name:  Enable pulse catch  Event name:  Enable pulse catch  Event name:  Event name:  Event name:	
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt:   PROFINET interface   Enable falling edge detection   Hardware interrupt:   Enable falling edge   Enable f		RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent Falling edge1  Input filters  RidPrefixRisingEdg- eEvent Falling edge2  RidPrefixFallingEdg- eEvent Rising edge2  RidPrefixFallingEdg- eEvent Falling edge2  Input filters  RidPrefixRisingEdg- eEvent Falling edge2  Input filters  RidPrefixRisingEdg- eEvent Rising edge3  RidPrefixFallingEdg- eEvent Rising edge3	49152 Rising edge0 49280 Falling edge0 6.4 millisec 49153 Rising edge1 49281 Falling edge1 6.4 millisec 49154 Rising edge2 49282 Falling edge2 6.4 millisec 49155 Rising edge3	Event name:  Event name:  Enable pulse catch  Event name:  Enable pulse catch  Event name:  Event name:  Event name:	O
PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge detection   Hardware interrupt: PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Channel address   PROFINET interface   Enable rising edge detection   Hardware interrupt: PROFINET interface   Enable falling edge   Enable falling edg		RidPrefixRisingEdg- eEvent Rising edge0  RidPrefixFallingEdg- eEvent Falling edge0  Input filters  RidPrefixRisingEdg- eEvent Rising edge1  RidPrefixFallingEdg- eEvent Falling edge1  Input filters  RidPrefixRisingEdg- eEvent Rising edge2  RidPrefixFallingEdg- eEvent Rising edge2  Input filters  RidPrefixFallingEdg- eEvent Falling edge2  Input filters  RidPrefixRisingEdg- eEvent Falling edge3  RidPrefixRisingEdg- eEvent Rising edge3	49152 Rising edge0 49280 Falling edge0 6.4 millisec 49153 Rising edge1 49281 Falling edge1 6.4 millisec 49154 Rising edge2 49282 Falling edge2 6.4 millisec 49155 Rising edge3 Falling edge3	Event name:  Event name:  Enable pulse catch  Event name:  Enable pulse catch  Event name:  Event name:  Event name:  Event name:  Event name:	O

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	[X1]\Digital inputs\Channel4\		10456	11-	
nable rising edge etection	0	RidPrefixRisingEdg- eEvent	49156	Event name:	0
ardware interrupt:		Rising edge4	Rising edge4		
	X1]\Digital inputs\Channel4\				
nable falling edge	0	RidPrefixFallingEdg- eEvent	49284	Event name:	0
ardware interrupt:	0	Falling edge4	Falling edge4		
ROFINET interface	X1]\Digital inputs\Channel5				
nannel address	10.5	Input filters	6.4 millisec	Enable pulse catch	0
ROFINET interface   nable rising edge	[X1]\Digital inputs\Channel5\	RidPrefixRisingEdg-	49157	Event name:	0
etection		eEvent		Lvent name.	
ardware interrupt:		Rising edge5	Rising edge5		
ROFINET interface   nable falling edge	[X1]\Digital inputs\Channel5\	RidPrefixFallingEdg-	40295	Event name:	0
etection	O	eEvent	49263	Event name.	U
ardware interrupt:		Falling edge5	Falling edge5		
	[X1]\Digital inputs\Channel6		le	<b>  -</b>	
nannel address	0.6  X1]\Digital inputs\Channel6\	Input filters	6.4 millisec	Enable pulse catch	0
able rising edge		RidPrefixRisingEdg-	49158	Event name:	0
etection		eEvent			
ardware interrupt:		Rising edge6	Rising edge6		
OFINET interface   lable falling edge	X1]\Digital inputs\Channel6\	RidPrefixFallingEdg-	49286	Event name:	0
tection		eEvent	17200	Event name.	
rdware interrupt:		Falling edge6	Falling edge6		
	[X1]\Digital inputs\Channel7	I	C 4'II'	le	
nannel address	0.7  X1]\Digital inputs\Channel7\	Input filters	6.4 millisec	Enable pulse catch	0
nable rising edge		RidPrefixRisingEdg-	49159	Event name:	0
tection		eEvent			
ardware interrupt:	I .	Rising edge7	Rising edge7		
OFINET Interface   lable falling edge	[X1]\Digital inputs\Channel7\	RidPrefixFallingEdg-	49287	Event name:	0
etection		eEvent	13207	Event name.	
rdware interrupt:		Falling edge7	Falling edge7		
	[X1]\Analog inputs\Noise reduction				
tegration time	50 Hz (20 ms)  X1]\Analog inputs\Channel0				
nannel address	IW64	Measurement type	Voltage	Voltage range	010 V
noothing	Weak (4 cycles)	71		Enable overflow di-	1
OFINET' (	Na la			agnostics	
ROFINET Interface   nannel address	X1]\Analog inputs\Channel1	Measurement type	Voltage	Voltage range	010 V
idiliici dddicss		wicasarcine it type	Voltage		
noothing	Weak (4 cycles)			Enable overflow di-	1
				Enable overflow di- agnostics	1
ROFINET interface	X1]\Digital outputs				1
					1
ROFINET interface   eaction to CPU FOP ROFINET interface	X1]\Digital outputs Use substitute value X1]\Digital outputs\Channel0				1
ROFINET interface   eaction to CPU FOP ROFINET interface	X1]\Digital outputs Use substitute value	Substitute a value	0		
ROFINET interface   eaction to CPU POP ROFINET interface	X1]\Digital outputs Use substitute value X1]\Digital outputs\Channel0	Substitute a value of 1 on a change from RUN to STOP.	0		1
ROFINET interface   eaction to CPU OP ROFINET interface   nannel address	X1]\Digital outputs Use substitute value X1]\Digital outputs\Channel0	of 1 on a change from RUN to STOP.			
COFINET interface   caction to CPU OP COFINET interface   cannel address	X1]\Digital outputs Use substitute value  [X1]\Digital outputs\Channel0  Q0.0	of 1 on a change from RUN to STOP. Substitute a value	0		1
OFINET interface   action to CPU OP OFINET interface   annel address OFINET interface	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0  Q0.0  X1]\Digital outputs\Channel1	of 1 on a change from RUN to STOP.			1
COFINET interface   Paction to CPU COP COFINET interface   Pannel address COFINET interface   Pannel address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0  Q0.0  X1]\Digital outputs\Channel1	of 1 on a change from RUN to STOP. Substitute a value of 1 on a change			
COFINET interface   Paction to CPU COP COFINET interface   Pannel address COFINET interface   Pannel address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0  Q0.0  X1]\Digital outputs\Channel1  Q0.1	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value			
COFINET interface   caction to CPU COP COFINET interface   cannel address COFINET interface   cannel address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1 Q0.1  X1]\Digital outputs\Channel2	of 1 on a change from RUN to STOP. Substitute a value of 1 on a change from RUN to STOP.	0		
COFINET interface   caction to CPU COP COFINET interface   cannel address COFINET interface   cannel address COFINET interface   cannel address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1 Q0.1  X1]\Digital outputs\Channel2	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change	0		
COFINET interface	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0  Q0.0  X1]\Digital outputs\Channel1  Q0.1  X1]\Digital outputs\Channel2  Q0.2	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 2 on a change from RUN to STOP.	0		
OFINET interface   action to CPU OP OFINET interface   annel address OFINET interface   annel address OFINET interface   annel address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1 Q0.1  X1]\Digital outputs\Channel2 Q0.2  X1]\Digital outputs\Channel3	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change	0		
COFINET interface   Paction to CPU COP COFINET interface   Pannel address COFINET interface   Pannel address COFINET interface   Pannel address COFINET interface   Pannel address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1 Q0.1  X1]\Digital outputs\Channel2 Q0.2  X1]\Digital outputs\Channel3	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 2 on a change from RUN to STOP.	0		
OFINET interface   caction to CPU OP OFINET interface   cannel address OFINET interface   cannel address OFINET interface   cannel address OFINET interface   cannel address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1 Q0.1  X1]\Digital outputs\Channel2 Q0.2  X1]\Digital outputs\Channel3 Q0.3	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.	0		
OFINET interface   caction to CPU OP OFINET interface   cannel address OFINET interface   cannel address OFINET interface   cannel address OFINET interface   cannel address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1 Q0.1  X1]\Digital outputs\Channel2 Q0.2  X1]\Digital outputs\Channel3 Q0.3  X1]\Digital outputs\Channel4	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.	0		
COFINET interface   Eaction to CPU COP COFINET interface   Eannel address COFINET interface   Enannel address COFINET interface   Enannel address COFINET interface   Enannel address COFINET interface   Enannel address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1 Q0.1  X1]\Digital outputs\Channel2 Q0.2  X1]\Digital outputs\Channel3 Q0.3  X1]\Digital outputs\Channel4	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.	0		
OFINET interface   action to CPU OP OFINET interface   annel address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1 Q0.1  X1]\Digital outputs\Channel2 Q0.2  X1]\Digital outputs\Channel3 Q0.3  X1]\Digital outputs\Channel4 Q0.4	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.	0		
COFINET interface   COFINE	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0  Q0.0  X1]\Digital outputs\Channel1  Q0.1  X1]\Digital outputs\Channel2  Q0.2  X1]\Digital outputs\Channel3  Q0.3  X1]\Digital outputs\Channel4  Q0.4  X1]\Digital outputs\Channel5	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.	0		
COFINET interface   COFINE	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0  Q0.0  X1]\Digital outputs\Channel1  Q0.1  X1]\Digital outputs\Channel2  Q0.2  X1]\Digital outputs\Channel3  Q0.3  X1]\Digital outputs\Channel4  Q0.4  X1]\Digital outputs\Channel5	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.	0		
OFINET interface   action to CPU OP OFINET interface   annel address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1 Q0.1  X1]\Digital outputs\Channel2 Q0.2  X1]\Digital outputs\Channel3 Q0.3  X1]\Digital outputs\Channel4 Q0.4  X1]\Digital outputs\Channel5 Q0.5  X1]\Digital outputs\Channel5 Q0.5	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.	0		0
OFINET interface   action to CPU OP OFINET interface   annel address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1 Q0.1  X1]\Digital outputs\Channel2 Q0.2  X1]\Digital outputs\Channel3 Q0.3  X1]\Digital outputs\Channel4 Q0.4  X1]\Digital outputs\Channel5 Q0.5  X1]\Digital outputs\Channel5 Q0.5	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.	0	agnostics	
OFINET interface   action to CPU OP OFINET interface   annel address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0  Q0.0  X1]\Digital outputs\Channel1  Q0.1  X1]\Digital outputs\Channel2  Q0.2  X1]\Digital outputs\Channel3  Q0.3  X1]\Digital outputs\Channel4  Q0.4  X1]\Digital outputs\Channel5  Q0.5  X1]\Digital outputs\Channel5  Q1.5  X1]\Digital outputs\Channel5  Q1.5  X1]\Operating mode  True  False  X1]\IOperating mode  True  False  X1]\I/O addresses\Input addresses	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.	0 0 0 PROFINET IO-System (100)	Device number	0
OFINET interface   action to CPU OP OFINET interface   annel address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0  Q0.0  X1]\Digital outputs\Channel1  Q0.1  X1]\Digital outputs\Channel2  Q0.2  X1]\Digital outputs\Channel3  Q0.3  X1]\Digital outputs\Channel4  Q0.4  X1]\Digital outputs\Channel5  Q0.5  X1]\Digital outputs\Channel5  Q1.5  X1]\Digital outputs\Channel5  Q1.5  X1]\Operating mode  True  False  X1]\I/O addresses\Input addresses  0	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.	0	agnostics	0
OFINET interface   caction to CPU OP OP OFINET interface   cannel address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1 Q0.1  X1]\Digital outputs\Channel2 Q0.2  X1]\Digital outputs\Channel3 Q0.3  X1]\Digital outputs\Channel4 Q0.4  X1]\Digital outputs\Channel5 Q0.5  X1]\Digital outputs\Channel5 Q0.5  X1]\Operating mode True False X1]\I/O addresses\Input addresses 0 0	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  IO system  End address	0 0 0 PROFINET IO-System (100)	Device number	0
OFINET interface   caction to CPU OP OFINET interface   cannel address OFINET interface   controller device OFINET interface   controller device OFINET interface   cortiler device of interface   cortiler device	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0  Q0.0  X1]\Digital outputs\Channel1  Q0.1  X1]\Digital outputs\Channel2  Q0.2  X1]\Digital outputs\Channel3  Q0.3  X1]\Digital outputs\Channel4  Q0.4  X1]\Digital outputs\Channel5  Q0.5  X1]\Digital outputs\Channel5  Q1.5  X1]\Digital outputs\Channel5  Q1.5  X1]\Operating mode  True  False  X1]\I/O addresses\Input addresses  0	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  IO system  End address	0 0 0 PROFINET IO-System (100)	Device number	0
COFINET interface   COFINET INTERCACE   COFINE	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1 Q0.1  X1]\Digital outputs\Channel2 Q0.2  X1]\Digital outputs\Channel3 Q0.3  X1]\Digital outputs\Channel4 Q0.4  X1]\Digital outputs\Channel5 Q0.5  X1]\Digital outputs\Channel5 Q0.5  X1]\Digital outputs\Channel5 Q0.5  X1]\Operating mode True False X1]\I/O addresses\Input addresses 0 0 X1]\I/O addresses\Output addresses 0 0 X1]\I/O addresses\Output addresses	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  IO system  End address  End address	0  0  0  PROFINET IO-System (100)	Device number  Organization block	0
ROFINET interface   Paction to CPU FOP ROFINET interface   Pannel address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0  Q0.0  X1]\Digital outputs\Channel1  Q0.1  X1]\Digital outputs\Channel2  Q0.2  X1]\Digital outputs\Channel3  Q0.3  X1]\Digital outputs\Channel4  Q0.4  X1]\Digital outputs\Channel5  Q0.5  X1]\Digital outputs\Channel5  Q1.5  X1]\Operating mode  True  False  X1]\I/O addresses\Input addresses  0  0  X1]\I/O addresses\Output addresses  0  0  X1]\I/O addresses\Output addresses	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  IO system  End address  End address	0 0 0 PROFINET IO-System (100) 0	Device number  Organization block  Organization block	0
ROFINET interface   Paction to CPU TOP ROFINET interface   Pannel address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1 Q0.1  X1]\Digital outputs\Channel2 Q0.2  X1]\Digital outputs\Channel3 Q0.3  X1]\Digital outputs\Channel4 Q0.4  X1]\Digital outputs\Channel5 Q0.5  X1]\Digital outputs\Channel5 Q0.5  X1]\Digital outputs\Channel5 Q0.5  X1]\Operating mode True False X1]\I/O addresses\Input addresses 0 0 X1]\I/O addresses\Output addresses 0 0 X1]\I/O addresses\Output addresses	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  IO system  End address  End address  Permit overwriting	0  0  0  PROFINET IO-System (100)	Device number  Organization block  Use IEC V2.2 LLDP	0
ROFINET interface   Paction to CPU TOP ROFINET interface   Pannel address   Pannel address   Pannel address   Pannel address   ROFINET interface   ROFINET	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0  Q0.0  X1]\Digital outputs\Channel1  Q0.1  X1]\Digital outputs\Channel2  Q0.2  X1]\Digital outputs\Channel3  Q0.3  X1]\Digital outputs\Channel4  Q0.4  X1]\Digital outputs\Channel5  Q0.5  X1]\Digital outputs\Channel5  Q1.5  X1]\Operating mode  True False  X1]\I/O addresses\Input addresses  0 0  X1]\I/O addresses\Output addresses	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  IO system  End address  End address	0 0 0 PROFINET IO-System (100) 0 False	Device number  Organization block  Organization block	0
OFINET interface   action to CPU OP OFINET interface   annel address  OFINET interface   art address  ocess image OFINET interface   art address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0  Q0.0  X1]\Digital outputs\Channel1  Q0.1  X1]\Digital outputs\Channel2  Q0.2  X1]\Digital outputs\Channel3  Q0.3  X1]\Digital outputs\Channel4  Q0.4  X1]\Digital outputs\Channel5  Q0.5  X1]\Operating mode  True  False  X1]\I/O addresses\Input addresses  0  0  X1]\I/O addresses\Output addresses  0  X1]\I/O addresses\Output addresses	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  IO system  End address  End address  Permit overwriting of device names of	0 0 0 PROFINET IO-System (100) 0 False	Device number  Organization block  Use IEC V2.2 LLDP	0
OFINET interface annel address  OFINET interface and address	X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0  Q0.0  X1]\Digital outputs\Channel1  Q0.1  X1]\Digital outputs\Channel2  Q0.2  X1]\Digital outputs\Channel3  Q0.3  X1]\Digital outputs\Channel4  Q0.4  X1]\Digital outputs\Channel5  Q0.5  X1]\Operating mode  True  False  X1]\I/O addresses\Input addresses  0  0  X1]\I/O addresses\Output addresses  0  X1]\I/O addresses\Output addresses	of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  Substitute a value of 1 on a change from RUN to STOP.  IO system  End address  End address  Permit overwriting of device names of all assigned IO devi-	0 0 0 PROFINET IO-System (100) 0 False	Device number  Organization block  Use IEC V2.2 LLDP	0

Totally Integrated Automation Porta						
PROFINET interface	[Y1]\	nced options\Real time se	ttings\\O communica	tion		
Send clock:	1.000ms	iced options(kear time se	ttings (iO communica	uon		
		nced options\Real time se	ttings\Real time option	ons		
Calculated band- width for cyclic IO	0.007ms					
data: PROFINET interface l	[X1]\Advar	nced options\Port [X1 P1]	\General			
Name	Port_1		Author	LAB4	Comment	
	_	nced options\Port [X1 P1]			-	
Local port:	PLC_1\PRC [X1]\Port_	OFINET interface_1 1 [X1 P1]	Medium:	Copper	Cable name:	
	1. 1		Way and	0		
			: 0			
PROFINET interface I	[X1]\Advar	nced options\Port [X1 P1]	\Port interconnection	  Partner port:		
THO THE THE THE T	Monitorin	g of partner port is not	Alternative partners		Partner port:	CSM 1277_1\SCALANCE interface
Medium:	possible		Cabla langth			[X1]\Port_2 [X1 P2]
	Copper [X1]\Advar	nced options\Port [X1 P1]	Cable length: \Port options\Activate			
Activate this port for						
use PROFINET interface I	[X1]\Advar	nced options\Port [X1 P1]	\Port ontions\Connect	tion		
Transmission rate /		•	Monitor	False	Enable autonegotia-	True
duplex:		acod ontice - ID- at Did Dail	Dort anti-malb	viora ————————————————————————————————————	tion	
PROFINET interface   End of detection of		nced options\Port [X1 P1]	\Port options\Bounda End of topology dis-		End of the sync do-	False
accessible devices			covery		main	. 4.55
PROFINET interface   Hardware identifier		nced options\Port [X1 P1]	\Hardware identifier\\	Hardware identifier		
PROFINET interface		server access				
Enable Web server			The Web server			
using this interface			must also be activa- ted in the properties			
			of the PLC.			
PROFINET interface   Hardware identifier		vare identifier\Hardware	identifier Hardware identifier	64		
High speed counters		C1\General\Enable	naidware identifier	04		
Enable this high	0					
speed counter High speed counters	: (HSC)\HS(	C1\General\Project inform	nation			
Name	HSC_1	·	Comment			
High speed counters Type of counting	Count	C1\Function	Oneveting phase	Cinale whose		
Counting direction		ram (internal direction	Operating phase Initial counting di-	Single phase Count up		
is specified by	control)		rection	·		
Frequency measur- ing period	-/-sec					
High speed counters		C1\Reset to initial values\				
Initial counter value	0		Initial reference val- ue	0		
		C1\Reset to initial values\	Reset options			
Use external reset input	0		Reset signal level	-1-		
•	(HSC)\HSC	C1\Event configuration\				
Generate interrupt			RidPrefixCvEqualsPv	49152	Event name:	0
for counter value equals reference						
value event.						
Hardware interrupt:	0		Counter value equal to reference value0	Counter value equal to reference value0	ValueNull	0
ValueNull	0		EventPriority	6		
		C1\Event configuration\	ni in C = c :=	40.400		<u></u>
Generate interrupt for external reset	U		RidPrefixExternalRe- set	49408	Event name:	0
event.						
Hardware interrupt: ValueNull	0		External reset0 EventPriority	External reset0 6	ValueNull	0
	-	C1\Event configuration\		-		
Generate interrupt				49280	Event name:	0
for change of direction event.			Change			
Hardware interrupt:	0		Change of direc-	Change of direction0	ValueNull	0
ValueNull	0		tion0 EventPriority	6		
High speed counters		C1\Hardware inputs\				
Clock generator in- put			HSCInput0_Status	1	Direction input	
Reset input			Adapter name the user control should use for the address string	HscChannel. Address String	Adapter name the user control should use for the SpeedAndSourceDisplay	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChann	el.OutputSource				

Automation Porta	al l				
	s (HSC)\HSC1\Hardware inputs\				
irection input		HSCInput1_Status	1	Clock generator in- put	
eset input		Adapter name the	HscChannel.AddressString	Adapter name the	HscChannel.SpeedAndSourceDi
		user control should		user control should	play
		use for the address		use for the Spee-	
dapter name the	HscChannel.OutputSource	string		dAndSourceDisplay	
ser control should	nscendiniei.Outputsource				
se for the Output					
ource					
	s (HSC)\HSC1\Hardware inputs\	UCClamut2 Ctatus	4	Clask managatan in	
eset input		HSCInput2_Status	1	Clock generator in- put	
irection input		Adapter name the	HscChannel.AddressString	Adapter name the	HscChannel.SpeedAndSourceDi
•		user control should			play
		use for the address string		use for the Spee- dAndSourceDisplay	
dapter name the	HscChannel.OutputSource	Sumg	1	uAllusourceDisplay	1
ser control should	постання в применя в				
se for the Output					
ource	(USC)/USC1/UQ = 44 *********************************	ddynasaa			
ign speed counters :art address	s (HSC)\HSC1\I/O addresses\Input a	End address	1003	Organization block	0
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se external reset uput igh speed counters enerate interrupt or counter value quals reference alue event. ardware interrupt: alueNull igh speed counters enerate interrupt or external reset event. ardware interrupt or change of director event. ardware interrupt or change of director event. ardware interrupt or change of director event. ardware interrupt igh speed counters lock generator interest input dapter name the ser control should se for the Output ource igh speed counters irection input dapter name the ser control should seed or the Output ource	O  S (HSC)\HSC2\Event configuration\ O  O  O  O  O  O  O  O  S (HSC)\HSC2\Event configuration\ O  O  O  HSC)\HSC2\Event configuration\ O  HSC)\HSC2\Hardware inputs\   HscChannel.OutputSource  HscChannel.OutputSource	Reset signal level  RidPrefixCvEqualsPv  Counter value equal to reference value1 EventPriority  RidPrefixExternalReset External reset1 EventPriority  RidPrefixDirection-Change  Change of direction1 EventPriority  HSCInput0_Status  Adapter name the user control should use for the address string  HSCInput1_Status  Adapter name the user control should use for the address	Counter value equal to reference value1 6 49408  External reset1 6 49280  Change of direction1 6 1 HscChannel.AddressString	ValueNull  Event name:  ValueNull  Event name:  ValueNull  Direction input  Adapter name the user control should use for the SpeedAndSourceDisplay  Clock generator input  Adapter name the user control should use for the SpeedAndSourceDisplay	0  0  0   HscChannel.SpeedAndSourceDiplay   HscChannel.SpeedAndSourceDiplay
se external reset aput igh speed counters enerate interrupt or counter value quals reference alue event. ardware interrupt: alueNull igh speed counters enerate interrupt or external reset went. ardware interrupt or change of directon event. ardware interrupt or change of directon event. ardware interrupt or change of mere enerate interrupt in the enerate in the ene	O  S (HSC)\HSC2\Event configuration\ O  O  O  O  O  O  O  O  S (HSC)\HSC2\Event configuration\ O  O  O  HSC)\HSC2\Event configuration\ O  HSC)\HSC2\Hardware inputs\   HscChannel.OutputSource  HscChannel.OutputSource	Reset signal level  RidPrefixCvEqualsPv  Counter value equal to reference value1 EventPriority  RidPrefixExternalReset External reset1 EventPriority  RidPrefixDirection-Change  Change of direction1 EventPriority  HSCInput0_Status  Adapter name the user control should use for the address string  HSCInput1_Status  Adapter name the user control should use for the address string	Counter value equal to reference value1 6 49408  External reset1 6 49280  Change of direction1 6 1 HscChannel.AddressString	Event name:  ValueNull  Event name:  ValueNull  Direction input  Adapter name the user control should use for the SpeedAndSourceDisplay  Clock generator input  Adapter name the user control should use for the SpeedAndSourceDisplay	O O O  HscChannel.SpeedAndSourceDisplay  HscChannel.SpeedAndSourceDisplay
se external reset iput igh speed counters enerate interrupt or counter value quals reference alue event. ardware interrupt: alueNull igh speed counters enerate interrupt or external reset vent. ardware interrupt in change of director event. alueNull igh speed counters in event in esset input in	O  S (HSC)\HSC2\Event configuration\ O  O  O  O  O  O  O  O  S (HSC)\HSC2\Event configuration\ O  O  O  HSC)\HSC2\Event configuration\ O  HSC)\HSC2\Hardware inputs\   HscChannel.OutputSource  HscChannel.OutputSource	Reset signal level  RidPrefixCvEqualsPv  Counter value equal to reference value1 EventPriority  RidPrefixExternalReset External reset1 EventPriority  RidPrefixDirection-Change  Change of direction1 EventPriority  HSCInput0_Status  Adapter name the user control should use for the address string  HSCInput1_Status  Adapter name the user control should use for the address string  HSCInput2_Status  Adapter name the user control should use for the address string	Counter value equal to reference value1 6 49408  External reset1 6 49280  Change of direction1 6 1 HscChannel.AddressString	Event name:  ValueNull  Event name:  ValueNull  Direction input  Adapter name the user control should use for the SpeedAndSourceDisplay  Clock generator input  Adapter name the user control should use for the SpeedAndSourceDisplay  Clock generator input  Adapter name the user control should use for the SpeedAndSourceDisplay	0  0  HscChannel.SpeedAndSourceDiplay  HscChannel.SpeedAndSourceDiplay  HscChannel.SpeedAndSourceDiplay
se external reset put  gh speed counters enerate interrupt or counter value quals reference alue event.  ardware interrupt:  alueNull gh speed counters enerate interrupt or external reset went.  ardware interrupt or change of director event.  alueNull gh speed counters ock generator interrupt or event.  alueNull experiment of director event.  alueNull experiment event.  a	O  S (HSC)\HSC2\Event configuration\ O  O  O  O  O  O  O  O  S (HSC)\HSC2\Event configuration\ O  O  O  HSC)\HSC2\Event configuration\ O  HSC)\HSC2\Hardware inputs\   HscChannel.OutputSource  HscChannel.OutputSource	Reset signal level  RidPrefixCvEqualsPv  Counter value equal to reference value1 EventPriority  RidPrefixExternalReset External reset1 EventPriority  RidPrefixDirection-Change  Change of direction1 EventPriority  HSCInput0_Status  Adapter name the user control should use for the address string  HSCInput1_Status  Adapter name the user control should use for the address string	Counter value equal to reference value1 6 49408  External reset1 6 49280  Change of direction1 6 1 HscChannel.AddressString	Event name:  ValueNull  Event name:  ValueNull  Direction input  Adapter name the user control should use for the SpeedAndSourceDisplay  Clock generator input  Adapter name the user control should use for the SpeedAndSourceDisplay  Clock generator input  Adapter name the user control should use for the SpeedAndSourceDisplay	O O O  HscChannel.SpeedAndSourceDisplay  HscChannel.SpeedAndSourceDisplay

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Totally Integrated Automation Porta					
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
	  s (HSC)\HSC2\I/O addresses\Input ac	ddresses			
Start address	1004	End address	1007	Organization block	0
Process image	0				
	s (HSC)\HSC2\Hardware identifier\H	ardware identifier			
Hardware identifier					
	s (HSC)\HSC3\General\Enable				
Enable this high speed counter	0				
•	(HSC)\HSC3\General\Project inform	nation			
Name	HSC_3	Comment			
	(HSC)\HSC3\Function		_		
Type of counting	Count	Operating phase	Single phase		
Counting direction is specified by	User program (internal direction control)	Initial counting di- rection	Count up		
	-/-sec	rection			
ng period	, 355				
	(HSC)\HSC3\Reset to initial values				
nitial counter value	0	Initial reference val-	0		
digh speed counters	(HSC)\HSC3\Reset to initial values	ue Reset ontions			
ਜigh speed counters Jse external reset		Reset options	-/-		
nput			,		
High speed counters	(HSC)\HSC3\Event configuration\				
Generate interrupt	0	RidPrefixCvEqualsPv	49152	Event name:	0
for counter value equals reference					
value event.					
Hardware interrupt:	0		Counter value equal to reference	ValueNull	0
		to reference value2	1		
/alueNull	0	EventPriority	6		
ign speed counters Generate interrupt	s (HSC)\HSC3\Event configuration\	RidPrefixExternalRe-	49408	Event name:	0
or external reset	O	set	19400	Lvent name.	
event.					
Hardware interrupt:		External reset2	External reset2	ValueNull	0
/alueNull	0	EventPriority	6		
High speed counters Generate interrupt	s (HSC)\HSC3\Event configuration\	RidPrefixDirection-	49280	Event name:	0
for change of direc-	O	Change	49200	Event name.	O
tion event.					
Hardware interrupt:	0	Change of direc-	Change of direction2	ValueNull	0
ValueNull	0	tion2	6		
	(HSC)\HSC3\Hardware inputs\	EventPriority	O		
Clock generator in-		HSCInput0_Status	1	Direction input	
put		- ' -		•	
Reset input		Adapter name the user control should use for the address	HscChannel.AddressString	Adapter name the user control should use for the Spee-	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output	HscChannel.OutputSource	string		dAndSourceDisplay	
	s (HSC)\HSC3\Hardware inputs\				
Direction input		HSCInput1_Status	1	Clock generator in-	
				put	
Reset input		Adapter name the user control should use for the address string	HscChannel.AddressString	Adapter name the user control should use for the Spee- dAndSourceDisplay	HscChannel.SpeedAndSourceDis- play
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
	(HSC)\HSC3\Hardware inputs\				
Reset input		HSCInput2_Status	1	Clock generator in-	
Direction input		Adapter name the	HscChannel.AddressString	put Adapter name the	HscChannel.SpeedAndSourceDis-
лгесион трис		user control should use for the address string	nsccriainiei.Addresssting	user control should use for the Spee- dAndSourceDisplay	play
Adapter name the user control should use for the Output Source	HscChannel.OutputSource			, , , , , , , , , , , , , , , , , , , ,	
	s (HSC)\HSC3\I/O addresses\Input ad			-	I.
start address	0	End address	1011	Organization block	U
rocess image	0 s (HSC)\HSC3\Hardware identifier\H	ardware identifier			
ligh speed counters		araware lucifulier			
Hardware identifier	s (HSC)\HSC4\General\Enable				
Hardware identifier High speed counters Enable this high					
Hardware identifier High speed counters Enable this high speed counter	s (HSC)\HSC4\General\Enable 0				
Hardware identifier High speed counters Enable this high speed counter High speed counters	(HSC)\HSC4\General\Enable  (HSC)\HSC4\General\Project inform				
Hardware identifier High speed counters Enable this high Speed counter High speed counters Name	s (HSC)\HSC4\General\Enable  0  (HSC)\HSC4\General\Project inform	nation  Comment			
Hardware identifier High speed counters Enable this high Speed counter High speed counters Name High speed counters	s (HSC)\HSC4\General\Enable  0  s (HSC)\HSC4\General\Project inform HSC_4 s (HSC)\HSC4\Function	Comment	Single phase		
Hardware identifier High speed counters Enable this high speed counter High speed counters Name	s (HSC)\HSC4\General\Enable  0  (HSC)\HSC4\General\Project inform		Single phase Count up		
Hardware identifier High speed counters Enable this high speed counter High speed counters Name High speed counters Type of counting Counting direction	(HSC)\HSC4\General\Enable  (HSC)\HSC4\General\Project inform  HSC_4  (HSC)\HSC4\Function  Count	Comment Operating phase			
Hardware identifier High speed counters Enable this high speed counter High speed counters Name High speed counters Type of counting	s (HSC)\HSC4\General\Enable  0  s (HSC)\HSC4\General\Project inform HSC_4 s (HSC)\HSC4\Function Count User program (internal direction	Operating phase Initial counting di-			

roduoney moscur-	-/-sec				
ıg period		turduse.			
igh speed counters nitial counter value	(HSC)\HSC4\Reset to initial values\ 0	Initial reference val-	0		
igh speed counters	(HSC)\HSC4\Reset to initial values\	ue Reset options			
Ise external reset			-1-		
nput ligh speed counters	(HSC)\HSC4\Event configuration\				
ienerate interrupt	-	RidPrefixCvEqualsPv	49152	Event name:	0
or counter value equals reference					
value event. Hardware interrupt:	<u> </u>	Counter value equal	Counter value equal to reference	ValueNull	0
•	0	to reference value3		valuenuii	
	0 (HSC)\HSC4\Event configuration\	EventPriority	6		
Generate interrupt	_	RidPrefixExternalRe-	49408	Event name:	0
or external reset		set			
Hardware interrupt:			External reset3	ValueNull	0
	0 (HSC)\HSC4\Event configuration\	EventPriority	6		
Generate interrupt	-		49280	Event name:	0
or change of direc- ion event.		Change			
Hardware interrupt:	0		Change of direction3	ValueNull	0
/alueNull	0	tion3 EventPriority	6		
ligh speed counters	(HSC)\HSC4\Hardware inputs\	·			
Clock generator in- out		HSCInput0_Status	1	Direction input	
Reset input		user control should use for the address	HscChannel.AddressString	Adapter name the user control should use for the Spee-	HscChannel.SpeedAndSourceDisplay
Adapter name the	HscChannel. Output Source	string		dAndSourceDisplay	
user control should use for the Output Source	·				
ligh speed counters Direction input	(HSC)\HSC4\Hardware inputs\	HSCInput1_Status	1	Clock generator in-	
•		• –		put	
Reset input		Adapter name the user control should use for the address string	HscChannel.AddressString	Adapter name the user control should use for the SpeedAndSourceDisplay	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	Hsc Channel. Output Source				
ligh speed counters	(HSC)\HSC4\Hardware inputs\				
Reset input		HSCInput2_Status	1	Clock generator in- put	
Direction input		Adapter name the user control should use for the address string	HscChannel.AddressString	Adapter name the	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	Hsc Channel. Output Source				
ligh speed counters	(HSC)\HSC4\I/O addresses\Input ad				
	1012 0	End address	1015	Organization block	0
ligh speed counters	(HSC)\HSC4\Hardware identifier\H	ardware identifier			
nable this high	262 (HSC)\HSC5\General\Enable 0				
peed counter ligh speed counters	(HSC)\HSC5\General\Project inform	nation			
lame	HSC_5	Comment			
	(HSC)\HSC5\Function Count	Operating phase	Single phase		
Counting direction s specified by	User program (internal direction control)		Count up		
ng period					
nitial counter value		Initial reference val- ue	0		
ligh speed counters Use external reset	(HSC)\HSC5\Reset to initial values\		-1-		
nput		neset signal level	1		
High speed counters Generate interrupt	(HSC)\HSC5\Event configuration\	RidPrefixCvEqualsPv	49152	Event name:	0
or counter value equals reference value event.	O .	MurrenxCvEqualsPV	T7   J2	Event name:	
Hardware interrupt:	0	Counter value equal to reference value4	Counter value equal to reference	ValueNull	0
/alueNull	0	EventPriority	value4		
			l .	_	

Automation Porta	i i				
High speed counters Generate interrupt For external reset	(HSC)\HSC5\Event configuration\	RidPrefixExternalRe- set	49408	Event name:	0
vent. lardware interrupt:	0	External reset4	External reset4	ValueNull	0
alueNull .	0 s (HSC)\HSC5\Event configuration\	EventPriority	6		
Generate interrupt or change of direc-	-	RidPrefixDirection- Change	49280	Event name:	0
tion event. Hardware interrupt:	0	Change of direction4	Change of direction4	ValueNull	0
ValueNull	0	EventPriority	6		
High speed counters Clock generator in-	(HSC)\HSC5\Hardware inputs\	HSCInput0_Status	1	Direction input	
out Reset input Adapter name the user control should	HscChannel.OutputSource	Adapter name the user control should use for the address string	HscChannel.AddressString	Adapter name the user control should use for the SpeedAndSourceDisplay	HscChannel.SpeedAndSourceDi play
use for the Output Source					
High speed counters Direction input	(HSC)\HSC5\Hardware inputs\	HSCInput1_Status	1	Clock generator in-	
Reset input		Adapter name the user control should use for the address string	HscChannel.AddressString	Adapter name the user control should use for the SpeedAndSourceDisplay	HscChannel.SpeedAndSourceDi play
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
	(HSC)\HSC5\Hardware inputs\	HSCInnut? Status	1	Clock generator in-	
·		HSCInput2_Status		put	
Direction input		Adapter name the user control should use for the address string	HscChannel.AddressString	Adapter name the user control should use for the SpeedAndSourceDisplay	HscChannel.SpeedAndSourceDiplay
	H- Cl 10 +- +C	9			
user control should use for the Output	HscChannel.OutputSource				
Adapter name the user control should use for the Output Source High speed counters Start address	s (HSC)\HSC5\I/O addresses\Input a	ddresses End address	1019	Organization block	0
user control should use for the Output Source High speed counters Start address Process image	s (HSC)\HSC5\I/O addresses\Input a 1016	End address	1019	Organization block	0
user control should use for the Output Source High speed counters Start address Process image High speed counters Hardware identifier	(HSC)\HSC5\I/O addresses\Input a 1016 0 (HSC)\HSC5\Hardware identifier\H	End address	1019	Organization block	0
user control should use for the Output Source High speed counters Start address Process image High speed counters Hardware identifier High speed counters	(HSC)\HSC5\I/O addresses\Input a 1016 0 (HSC)\HSC5\Hardware identifier\H	End address	1019	Organization block	0
user control should use for the Output Source High speed counters Process image High speed counters Hardware identifier High speed counters Enable this high speed counter High speed counters	(HSC)\HSC5\I/O addresses\Input a 1016 0 s (HSC)\HSC5\Hardware identifier\H 263 s (HSC)\HSC6\General\Enable 0 s (HSC)\HSC6\General\Project infor	End address  Hardware identifier  mation	1019	Organization block	0
iser control should use for the Output iource High speed counters tract address Process image High speed counters inable this high peed counter this high speed counter this speed counters this high peed counters this speed counters the counters that the counters that the counters the counters that the cou	s (HSC)\HSC5\I/O addresses\Input a 1016 0 s (HSC)\HSC5\Hardware identifier\H 263 s (HSC)\HSC6\General\Enable	End address Hardware identifier	1019	Organization block	0
iser control should use for the Output fource high speed counters fart address frocess image high speed counters flardware identifier high speed counters flagh speed sp	s (HSC)\HSC5\I/O addresses\Input a 1016 0 s (HSC)\HSC5\Hardware identifier\H 263 s (HSC)\HSC6\General\Enable 0 s (HSC)\HSC6\General\Project infor HSC_6 s (HSC)\HSC6\Function Count User program (internal direction	End address  Hardware identifier  mation Comment  Operating phase Initial counting di-	1019 Single phase Count up	Organization block	0
user control should use for the Output Source High speed counters Process image High speed counters Hardware identifier High speed counters Name High speed counters Source So	s (HSC)\HSC5\I/O addresses\Input a 1016 0 s (HSC)\HSC5\Hardware identifier\H 263 s (HSC)\HSC6\General\Enable 0 s (HSC)\HSC6\General\Project infor HSC_6 s (HSC)\HSC6\Function Count	Hardware identifier  mation Comment Operating phase	Single phase	Organization block	0
user control should use for the Output Source High speed counters Process image High speed counters Hardware identifier High speed counters Source High speed counters Hig	s (HSC)\HSC5\I/O addresses\Input a 1016 0 s (HSC)\HSC5\Hardware identifier\H 263 s (HSC)\HSC6\General\Enable 0 s (HSC)\HSC6\General\Project infor HSC_6 s (HSC)\HSC6\Function Count User program (internal direction control) -/-sec s (HSC)\HSC6\Reset to initial values	End address  Hardware identifier  mation Comment  Operating phase Initial counting direction  s\Reset values Initial reference val-	Single phase Count up	Organization block	0
user control should use for the Output cource high speed counters are address. Process image high speed counters are allowed this high speed counters are allowed counters are allowed counters. It is speed counters are allowed counters are allowed counters. It is speed counters are allowed counters are allowed counters. Type of counting counting direction as specified by a speed counters are period allowed counters are allowed	s (HSC)\HSC5\I/O addresses\Input a 1016 0 s (HSC)\HSC5\Hardware identifier\H 263 s (HSC)\HSC6\General\Enable 0 s (HSC)\HSC6\General\Project infor HSC_6 s (HSC)\HSC6\Function Count User program (internal direction control) -/-sec s (HSC)\HSC6\Reset to initial values	End address  Hardware identifier  mation Comment  Operating phase Initial counting direction  SIReset values Initial reference value	Single phase Count up	Organization block	0
user control should use for the Output Source High speed counters Process image High speed counters Hardware identifier High speed counters Fixed Sounting Counting Development High speed counters Fixed High speed counters Fixed High speed counters Fixed High speed counters	s (HSC)\HSC5\I/O addresses\Input a 1016 0 s (HSC)\HSC5\Hardware identifier\H 263 s (HSC)\HSC6\General\Enable 0 s (HSC)\HSC6\General\Project infor HSC_6 s (HSC)\HSC6\Function Count User program (internal direction control) -/-sec s (HSC)\HSC6\Reset to initial values 0 s (HSC)\HSC6\Reset to initial values	End address  Hardware identifier  mation Comment  Operating phase Initial counting direction  SIReset values Initial reference value	Single phase Count up	Organization block	0
user control should use for the Output Gource High speed counters Grant address Process image High speed counters Hardware identifier High speed counters Hardware identifier High speed counters Figure of counting Counting direction is specified by Frequency measuring period High speed counters initial counter value High speed counters high speed counters high speed counters high speed counters figure speed counters for counter value	(HSC)\HSC5\I/O addresses\Input a  1016  0  (HSC)\HSC5\Hardware identifier\H  263  (HSC)\HSC6\General\Enable  0  (HSC)\HSC6\General\Project infor  HSC_6  (HSC)\HSC6\Function  Count  User program (internal direction control)  -/-sec  (HSC)\HSC6\Reset to initial values  0  (HSC)\HSC6\Reset to initial values  0  (HSC)\HSC6\Event configuration\	mation Comment Operating phase Initial counting direction SIReset values Initial reference value SIReset options	Single phase Count up  0	Organization block  Event name:	0
user control should use for the Output Gource High speed counters Process image High speed counters Hardware identifier High speed counters Figure of counting Counting December of Counting High speed counters specified by Frequency measuring period High speed counters nitial counter value High speed counters nitial counter value High speed counters See external reset nput High speed counters Generate interrupt	(HSC)\HSC5\I/O addresses\Input a 1016 0 s (HSC)\HSC5\Hardware identifier\I-263 s (HSC)\HSC6\General\Enable 0 s (HSC)\HSC6\General\Project infor HSC_6 s (HSC)\HSC6\Function Count User program (internal direction control) -/-sec s (HSC)\HSC6\Reset to initial values 0 s (HSC)\HSC6\Reset to initial values 0 s (HSC)\HSC6\Event configuration\ 0	mation Comment  Operating phase Initial counting direction  SIReset values Initial reference value SIReset options Reset signal level  RidPrefixCvEqualsPv  Counter value equal	Single phase Count up  0  -/- 49152  Counter value equal to reference		
aser control should use for the Output Gource High speed counters are all as a speed c	(HSC)\HSC5\I/O addresses\Input a  1016  0  (HSC)\HSC5\Hardware identifier\H  263  (HSC)\HSC6\General\Enable  0  (HSC)\HSC6\General\Project infor  HSC_6  (HSC)\HSC6\Function  Count  User program (internal direction control)  -/-sec  (HSC)\HSC6\Reset to initial values  0  (HSC)\HSC6\Reset to initial values  0  (HSC)\HSC6\Event configuration\ 0  (HSC)\HSC6\Event configuration\ 0	mation Comment Operating phase Initial counting direction Sirest values Initial reference value RidPrefixCvEqualsPv Counter value equal to reference value5 EventPriority	Single phase Count up  0  -/- 49152  Counter value equal to reference	Event name:	0
diser control should use for the Output Gource High speed counters are dentifier high speed counters are dentifiered high speed counters are d	(HSC)\HSC5\I/O addresses\Input a  1016  0  (HSC)\HSC5\Hardware identifier\H  263  (HSC)\HSC6\General\Enable  0  (HSC)\HSC6\General\Project infor  HSC_6  (HSC)\HSC6\Function  Count  User program (internal direction control)  -/-sec  (HSC)\HSC6\Reset to initial values  0  (HSC)\HSC6\Reset to initial values  0  (HSC)\HSC6\Event configuration\  0  (HSC)\HSC6\Event configuration\  0  (HSC)\HSC6\Event configuration\	mation Comment Operating phase Initial counting direction Sirest values Initial reference value RidPrefixCvEqualsPv Counter value equal to reference value5 EventPriority	Single phase Count up  0  -/-  49152  Counter value equal to reference value5 6	Event name:	0
diser control should use for the Output Gource High speed counters are dentifier high speed counters are dentified by a specified by a speed counters are dentified by a speed counters	(HSC)\HSC5\I/O addresses\Input a 1016 0 (HSC)\HSC5\Hardware identifier\I-263 (HSC)\HSC6\General\Enable 0 (HSC)\HSC6\General\Project infor HSC_6 (HSC)\HSC6\Function Count User program (internal direction control) -/-sec (HSC)\HSC6\Reset to initial values 0 (HSC)\HSC6\Reset to initial values 0 (HSC)\HSC6\Event configuration\ 0	mation Comment  Operating phase Initial counting direction  SIReset values Initial reference value SIReset options Reset signal level  RidPrefixCvEqualsPv  Counter value equal to reference value5 EventPriority  RidPrefixExternalReset External reset5	Single phase Count up  0  -/-  49152  Counter value equal to reference value5 6  49408  External reset5	Event name:  ValueNull	0
aser control should use for the Output Gource High speed counters Hardware identifier High speed counters Hardware identifier High speed counters Hardware identifier High speed counters	(HSC)\HSC5\I/O addresses\Input a 1016 0 (HSC)\HSC5\Hardware identifier\H 263 (HSC)\HSC6\General\Enable 0 (HSC)\HSC6\General\Project infor HSC_6 (HSC)\HSC6\Function Count User program (internal direction control) -/-sec (HSC)\HSC6\Reset to initial values 0 (HSC)\HSC6\Reset to initial values 0 (HSC)\HSC6\Event configuration\ 0 (HSC)\HSC6\Event configuration\ 0 (HSC)\HSC6\Event configuration\ 0 (HSC)\HSC6\Event configuration\ 0 0 0 0 0 0 0	mation Comment  Operating phase Initial counting direction  Sireset values Initial reference value Sireset options Reset signal level  RidPrefixCvEqualsPv  Counter value equal to reference value5 EventPriority  RidPrefixExternalReset External reset5 EventPriority	Single phase Count up  0  -/-  49152  Counter value equal to reference value5 6  49408	Event name:  ValueNull  Event name:	0
diser control should use for the Output fource high speed counters are displayed are displayed counters are displa	(HSC)\HSC5\I/O addresses\Input a 1016 0 (HSC)\HSC5\Hardware identifier\H 263 (HSC)\HSC6\General\Enable 0 (HSC)\HSC6\General\Project infor HSC_6 (HSC)\HSC6\Function Count User program (internal direction control) -/-sec (HSC)\HSC6\Reset to initial values 0 (HSC)\HSC6\Reset to initial values 0 (HSC)\HSC6\Event configuration\	mation Comment  Operating phase Initial counting direction  Sireset values Initial reference value Initial reference value Sireset options Reset signal level  RidPrefixCvEqualsPv  Counter value equal to reference value5 EventPriority  RidPrefixExternalReset External reset5 EventPriority	Single phase Count up  0  -/-  49152  Counter value equal to reference value5 6  49408  External reset5	Event name:  ValueNull  Event name:	0
aser control should use for the Output source high speed counters are light speed counters are l	(HSC)\HSC5\I/O addresses\Input a 1016 0 s (HSC)\HSC5\Hardware identifier\I/263 s (HSC)\HSC6\General\Enable 0 s (HSC)\HSC6\General\Project infor HSC_6 s (HSC)\HSC6\Function Count User program (internal direction control) -/-sec s (HSC)\HSC6\Reset to initial values 0 s (HSC)\HSC6\Event configuration\ 0 s (HSC)\HSC6\Event configuration\ 0 0 therefore the configuration is the con	mation Comment  Operating phase Initial counting direction  Sireset values Initial reference value Initial reference value Sireset options Reset signal level  RidPrefixCvEqualsPv  Counter value equal to reference value5 EventPriority  RidPrefixExternalReset External reset5 EventPriority  RidPrefixDirection-	Single phase Count up  0  -/-  49152  Counter value equal to reference value5 6  49408  External reset5 6	Event name:  ValueNull  Event name:  ValueNull	0
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Reset input		Adapter name the	HscChannel.AddressString	Adapter name the	HscChannel.SpeedAndSourceDis
·		user control should use for the address string	<b>3</b>	user control should use for the Spee- dAndSourceDisplay	play
Adapter name the user control should use for the Output source	HscChannel.OutputSource				
ligh speed counter Direction input	s (HSC)\HSC6\Hardware inputs\	HSCInput1_Status	1	Clock generator in-	 
•		•		put	
Reset input		Adapter name the user control should use for the address string	HscChannel. Address String	Adapter name the user control should use for the SpeedAndSourceDisplay	HscChannel.SpeedAndSourceDis play
Adapter name the user control should use for the Output Source					
H <mark>igh speed counter</mark> Reset input	s (HSC)\HSC6\Hardware inputs\	HSCInput2_Status	1	Clock generator in-	
•				put	
Direction input		Adapter name the user control should use for the address string	HscChannel. Address String	Adapter name the user control should use for the Spee- dAndSourceDisplay	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
High speed counter	rs (HSC)\HSC6\I/O addresses\Input		4022		
Start address Process image	0	End address	1023	Organization block	0
High speed counter	s (HSC)\HSC6\Hardware identifier	\Hardware identifier			
Hardware identifier	· 264 TO/PWM)\PTO1/PWM1\General\En	ahle			
Enable this pulse generator	0				
Pulse generators (P Name	TO/PWM)\PTO1/PWM1\General\Properties Pulse_1	Comment			
Pulse generators (P Signal type	TO/PWM)\PTO1/PWM1\Parameter PWM	assignment\Pulse optic Time base:	ons Milliseconds	Pulse duration for-	Hundredths
Cycle time	100ms	Initial pulse dura-	50Hundredths		
		<b>  4:</b>			
Pulse generators (P	TO/PWM)\PTO1/PWM1\Hardware	tion outputs			
Enable direction	TO/PWM)\PTO1/PWM1\Hardware 0				
Enable direction output		outputs			
Enable direction output Pulse generators (P	0	outputs	1	Adapter name the user control should use for the address	Pulse Channel. Address String
Enable direction output Pulse generators (P' Pulse output  Adapter name the	O TO/PWM)\PTO1/PWM1\Hardware PulseChannel.SpeedAndSourceDi	outputs\ PulseOutput1_Status  Adapter name the	1 PulseChannel.OutputSource	user control should	Pulse Channel. Address String
Enable direction output Pulse generators (P' Pulse output  Adapter name the user control should use for the Spee- dAndSourceDisplay	O TO/PWM)\PTO1/PWM1\Hardware PulseChannel.SpeedAndSourceDiplay	PulseOutput1_Status  Adapter name the user control should use for the Output Source	1 PulseChannel.OutputSource	user control should use for the address	PulseChannel.AddressString
Enable direction output Pulse generators (P' Pulse output  Adapter name the user control should use for the Spee- dAndSourceDisplay	O TO/PWM)\PTO1/PWM1\Hardware PulseChannel.SpeedAndSourceDiplay	PulseOutput1_Status  Adapter name the user control should use for the Output Source	PulseChannel.OutputSource	Adapter name the user control should use for the address string	PulseChannel.AddressString  PulseChannel.AddressString
Enable direction output Pulse generators (P' Pulse output  Adapter name the user control should use for the Spee- dAndSourceDisplay Pulse generators (P' PulseOutput2_Sta- tus	O TO/PWM)\PTO1/PWM1\Hardware PulseChannel.SpeedAndSourceDiplay TO/PWM)\PTO1/PWM1\Hardware	outputs\ PulseOutput1_Status  Adapter name the user control should use for the Output Source outputs\ Pulse output		user control should use for the address string  Adapter name the user control should	
Enable direction output Pulse generators (P' Pulse output  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse generators (P' PulseOutput2_Status  Adapter name the user control should use for the Speeduser control should use for the Speeduse for the Speeduse control should use for the Speeduse control should use for the Speeduse control should control should control speeduse control spe	PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\Hardware  1  PulseChannel.SpeedAndSourceDiplay	outputs\ PulseOutput1_Status  Adapter name the user control should use for the Output Source outputs\ Pulse output	PulseChannel.OutputSource  PulseChannel.OutputSource	Adapter name the user control should use for the address string	
Enable direction output Pulse generators (P' Pulse output  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse Generators (P' PulseOutput2_Status  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse generators (P'	PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\Hardware  1  PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\I/O address	PulseOutput1_Status  S- Adapter name the user control should use for the Output Source  Dutputs\ Pulse output  S- Adapter name the user control should use for the Output Source  S- Adapter name the user control should use for the Output Source  Ses\Output addresses	PulseChannel.OutputSource	Adapter name the user control should use for the address string  Adapter name the user control should use for the address string	PulseChannel.AddressString
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Enable direction output Pulse generators (P'Pulse output  Adapter name the user control should use for the Speed AndSourceDisplay Pulse generators (P'PulseOutput2_Status  Adapter name the user control should use for the Speed AndSourceDisplay Pulse generators (P'PulseOutput2_Status)	TO/PWM)\PTO1/PWM1\Hardware  PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\Hardware  PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\I/O address  1000 0 TO/PWM)\PTO1/PWM1\Hardware	PulseOutput1_Status  Adapter name the user control should use for the Output Source  Dutputs\ Pulse output  Adapter name the user control should use for the Output Source ses\Output addresses  End address	PulseChannel.OutputSource	Adapter name the user control should use for the address string  Adapter name the user control should use for the address string	PulseChannel.AddressString
Enable direction output Pulse generators (P'Pulse output  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse generators (P'PulseOutput2_Status  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse generators (P'Start address Process image Pulse generators (P'Start ware identifier Pulse generators (P'Pulse generator	TO/PWM)\PTO1/PWM1\Hardware  PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\Hardware  PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\I/O address  1000 0 TO/PWM)\PTO1/PWM1\Hardware	PulseOutput1_Status  S- Adapter name the user control should use for the Output Source  Outputs\ Pulse output  S- Adapter name the user control should use for the Output Source Soutputs Source  S- Adapter name the user control should use for the Output Source  Ses\Output addresses  End address  identifier\Hardware ide	PulseChannel.OutputSource	Adapter name the user control should use for the address string  Adapter name the user control should use for the address string	PulseChannel.AddressString
Enable direction output Pulse generators (P' Pulse output  Adapter name the user control should use for the Speed AndSourceDisplay Pulse generators (P' PulseOutput2_Status  Adapter name the user control should use for the Speed AndSourceDisplay Pulse generators (P' Start address Process image Pulse generators (P' Start address Process image Pulse generators (P' Hardware identifier Pulse generators (P' Enable this pulse generator	PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\Hardware  1  PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\I/O address 1000 0  TO/PWM)\PTO1/PWM1\Hardware 265  TO/PWM)\PTO2/PWM2\General\En	PulseOutput1_Status  S- Adapter name the user control should use for the Output Source  Dutputs\ Pulse output  S- Adapter name the user control should use for the Output Source  S- Adapter name the user control should use for the Output Source  Ses\Output addresses  End address  identifier\Hardware ide	PulseChannel.OutputSource	Adapter name the user control should us for the address string  Adapter name the user control should use for the address string	PulseChannel.AddressString
Enable direction output Pulse generators (P'Pulse output  Adapter name the user control should use for the Speed AndSourceDisplay Pulse generators (P'PulseOutput2_Status  Adapter name the user control should use for the Speed AndSourceDisplay Pulse generators (P'Start address Process image Pulse generators (P'Hardware identifier Pulse generators (P'Enable this pulse generator (P'Use generator (P'Use generator (P'Use generator (P'Name	PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\Hardware  PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\I/O address  1000 0 TO/PWM)\PTO1/PWM1\I/O address  1007 TO/PWM)\PTO1/PWM1\I/O address  1007 TO/PWM)\PTO1/PWM1\I/O address  TO/PWM)\PTO1/PWM1\I/O address  1007 TO/PWM)\PTO1/PWM1\I/O address	PulseOutput1_Status  Adapter name the user control should use for the Output Source  Dutputs\ Pulse output  Adapter name the user control should use for the Output Source  Service Se	PulseChannel.OutputSource  1001  ntifier	Adapter name the user control should us for the address string  Adapter name the user control should use for the address string	PulseChannel.AddressString
Enable direction output Pulse generators (P'Pulse output  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse generators (P'PulseOutput2_Status  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse generators (P'Start address Process image Pulse generators (P'Start address Process image Pulse generators (P'Enable this pulse generator (P'Enable this pulse generator (P'Name Pulse generators (P'Name	TO/PWM)\PTO1/PWM1\Hardware PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\Hardware 1  PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\I/O address 1000 0 TO/PWM)\PTO1/PWM1\Hardware 265 TO/PWM)\PTO2/PWM2\General\En	PulseOutput1_Status  Adapter name the user control should use for the Output Source  Dutputs\ Pulse output  Adapter name the user control should use for the Output Source  Service Se	PulseChannel.OutputSource  1001  ntifier	Adapter name the user control should use for the address string  Adapter name the user control should use for the address string  Organization block	PulseChannel.AddressString
Enable direction output Pulse generators (P'Pulse output  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse generators (P'PulseOutput2_Status  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse generators (P'Start address Process image Pulse generators (P'Start address Process image Pulse generators (P'Enable this pulse generator (P'Enable this pulse generator (P'Name Pulse generators (P'Name Pulse generators (P'Signal type	PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\Hardware  1  PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\I/O address 1000 0  TO/PWM)\PTO1/PWM1\I/O address 1000 0  TO/PWM)\PTO1/PWM1\Hardware 0  TO/PWM)\PTO2/PWM2\General\Endownere Pulse_2 TO/PWM)\PTO2/PWM2\Parameter	putputs\ PulseOutput1_Status  S- Adapter name the user control should use for the Output Source  putputs\ Pulse output  S- Adapter name the user control should use for the Output Source  putputs\ S- Adapter name the user control should use for the Output Source pess\Output addresses End address  identifier\Hardware ide  piect information Comment assignment\Pulse optic Time base:  Initial pulse dura-	PulseChannel.OutputSource  1001  ntifier	Adapter name the user control should use for the address string  Adapter name the user control should use for the address string  Organization block	PulseChannel.AddressString  0
Enable direction output Pulse generators (P'Pulse output  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse generators (P'PulseOutput2_Status  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse generators (P'Start address Process image Pulse generators (P'Start address Process image Pulse generators (P'Enable this pulse generator (P'Enable this pulse generator (P'Signal type  Cycle time  Pulse generators (P'Signal type  Cycle time	PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\Hardware  1  PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\I/O address 1000 0  TO/PWM)\PTO1/PWM1\Hardware 265  TO/PWM)\PTO2/PWM2\General\Endowned 0  TO/PWM)\PTO2/PWM2\General\Endowned Pulse_2 TO/PWM)\PTO2/PWM2\Parameter PWM	putputs\ PulseOutput1_Status  S- Adapter name the user control should use for the Output Source Pulse outputs\ Pulse output  S- Adapter name the user control should use for the Output Source ses\Output addresses End address  End address  identifier\Hardware ide  piect information Comment assignment\Pulse optic Time base:  Initial pulse duration	PulseChannel.OutputSource  1001  ntifier  Milliseconds	Adapter name the user control should use for the address string  Adapter name the user control should use for the address string  Organization block	PulseChannel.AddressString  0
Enable direction output Pulse generators (P'Pulse output  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse generators (P'PulseOutput2_Status  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse generators (P'Start address Process image Pulse generators (P'Start address Process image Pulse generators (P'Enable this pulse generator (P'Enable this pulse generator (P'Isla ge	PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\Hardware  PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\I/O address 1000 0 TO/PWM)\PTO1/PWM1\I/O address 1000 0 TO/PWM)\PTO1/PWM1\IHardware 0 TO/PWM)\PTO2/PWM2\General\En Pulse_2 TO/PWM)\PTO2/PWM2\General\Pr Pulse_2 TO/PWM)\PTO2/PWM2\Parameter PWM 100ms TO/PWM)\PTO2/PWM2\Hardware	outputs\ DutseOutputs\ PulseOutput1_Status  S- Adapter name the user control should use for the Output Source Outputs\ Pulse output  S- Adapter name the user control should use for the Output Source Ses\Output addresses End address  End address  identifier\Hardware ide  piect information Comment assignment\Pulse optic Time base:  Initial pulse duration outputs\  outputs\	PulseChannel.OutputSource  1001  ntifier  Milliseconds	Adapter name the user control should use for the address string  Adapter name the user control should use for the address string  Organization block  Pulse duration format	PulseChannel.AddressString  0  Hundredths
Enable direction output Pulse generators (P'Pulse output  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse generators (P'PulseOutput2_Status  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse generators (P'Start address Process image Pulse generators (P'Start address Process image Pulse generators (P'Enable this pulse generator (P'Enable this pulse generator (P'Signal type  Cycle time  Pulse generators (P'Signal type  Cycle time  Pulse generators (P'Enable direction output	PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\Hardware  1  PulseChannel.SpeedAndSourceDiplay  TO/PWM)\PTO1/PWM1\I/O address 1000 0  TO/PWM)\PTO1/PWM1\I/O address 1000 0  TO/PWM)\PTO1/PWM1\Hardware 0  TO/PWM)\PTO2/PWM2\General\En Pulse_2 TO/PWM)\PTO2/PWM2\General\Pr Pulse_2 TO/PWM)\PTO2/PWM2\Parameter PWM  100ms  TO/PWM)\PTO2/PWM2\Hardware 0	PulseOutput1_Status  S- Adapter name the user control should use for the Output Source  Dutputs\ Pulse output  S- Adapter name the user control should use for the Output Source  S- Adapter name the user control should use for the Output Source  Ses\Output addresses  End address  Identifier\Hardware ide  Sable  Signment\Pulse option  Comment  assignment\Pulse option  Time base:  Initial pulse duration  Dutputs	PulseChannel.OutputSource  1001  ntifier  Milliseconds	Adapter name the user control should use for the address string  Adapter name the user control should use for the address string  Organization block	PulseChannel.AddressString  0

Totally Integrated Automation Porta					
Pulse generators (PT	O/PWM)\PTO2/PWM2\Hardware ou	itputs\			
PulseOutput2_Sta- tus	1	Pulse output		Adapter name the user control should use for the address string	PulseChannel.AddressString
use for the Spee- dAndSourceDisplay	PulseChannel.SpeedAndSourceDisplay	Adapter name the user control should use for the Output Source	PulseChannel.OutputSource		
	O/PWM)\PTO2/PWM2\I/O addresses		1000		
Start address	1002	End address	1003	Organization block	0
Process image	0	<b>4:6</b> :	- A161		
	O/PWM)\PTO2/PWM2\Hardware ide	entifier\Hardware ider	ntifier		
Hardware identifier					
Enable this pulse generator	O/PWM)\PTO3/PWM3\General\Enal				
	O/PWM)\PTO3/PWM3\General\Projo Pulse_3	Comment			
	o/PWM)\PTO3/PWM3\Parameter as	-	ns		
Signal type	PWM	Time base:	Milliseconds	Pulse duration for-	Hundredths
Signal type	I VVIVI	Time base.	Millisecorius	mat	Hundredths
Cycle time	100ms	Initial pulse dura- tion	50Hundredths		
Pulse generators (PT	 O/PWM)\PTO3/PWM3\Hardware ou				
Enable direction output	0				
	 O/PWM)\PTO3/PWM3\Hardware ou	itputs\			
Pulse output	, Land Maria Court of the Court	PulseOutput1_Sta-	1	Adapter name the	PulseChannel.AddressString
		tus		user control should use for the address string	
Adapter name the user control should use for the SpeedAndSourceDisplay	PulseChannel.SpeedAndSourceDisplay	Adapter name the user control should use for the Output Source	PulseChannel.OutputSource		
	O/PWM)\PTO3/PWM3\Hardware ou				
PulseOutput2_Sta- tus		Pulse output		Adapter name the user control should use for the address string	Pulse Channel. Address String
Adapter name the user control should use for the SpeedAndSourceDisplay	PulseChannel.SpeedAndSourceDisplay	Adapter name the user control should use for the Output Source	Pulse Channel. Output Source		
Pulse generators (PT	O/PWM)\PTO3/PWM3\I/O addresses	s\Output addresses			
Start address	1004	End address	1005	Organization block	0
Process image	0				
	O/PWM)\PTO3/PWM3\Hardware ide	entifier\Hardware ider	ntifier		
Hardware identifier	267				
Pulse generators (PT	O/PWM)\PTO4/PWM4\General\Enal	ole			
Enable this pulse	0				
generator					
	O/PWM)\PTO4/PWM4\General\Proj				
	Pulse_4	Comment			
	O/PWM)\PTO4/PWM4\Parameter as				
Signal type	PWM	Time base:	Milliseconds	Pulse duration for- mat	Hundredths
Cycle time	100ms	Initial pulse dura-	50Hundredths		
Pulse generators (PT	O/PWM)\PTO4/PWM4\Hardware ou	tion stouts			
Enable direction					
output					
•	O/PWM)\PTO4/PWM4\Hardware ou	itputs\			
Pulse output		PulseOutput1_Sta- tus	1	Adapter name the user control should use for the address string	Pulse Channel. Address String
Adapter name the user control should use for the SpeedAndSourceDisplay	PulseChannel.SpeedAndSourceDisplay	Adapter name the user control should use for the Output Source	PulseChannel.OutputSource	Jumg	
	 O/PWM)\PTO4/PWM4\Hardware ou				
PulseOutput2_Sta-		Pulse output		Adapter name the	PulseChannel.AddressString
tus		·		user control should use for the address string	-
Adapter name the user control should	PulseChannel.SpeedAndSourceDisplay	Adapter name the user control should	PulseChannel.OutputSource		
use for the Spee- dAndSourceDisplay	O/PWM)\PTO4/PWM4\I/O addresses	use for the Output Source			
Start address	1006	End address	1007	Organization block	0
Process image	0				
Pulse generators (PT Hardware identifier Startup	O/PWM)\PTO4/PWM4\Hardware ide 268	entifier\Hardware ider	ntifier		
-	Warm restart - mode before POWER		Startup CPU even if mismatch	Configuration time for central and dis-	60000ms
	OFF	to actual configura- tion		tributed I/O	
OBs should be inter- ruptible	OFF				

Cycle Cycle monitoring	150ms				Enable minimum cy	-0
me	מווטכון				cle time for cyclic	-0
linimum cycle time						1
Communication load Cycle load due to	20%					
ommunication						
ystem and clock me nable the use of	emory\System memory bits	Address of system	1		First cycle	
system memory		memory byte (MBx)	)			
oyte Diagnostic status		Always 1 (high)			Always 0 (low)	
changed	amam A Clask mamam, hits					
-	emory\Clock memory bits	Address of clock	0		10 Hz clock	
clock memory byte 5 Hz clock		memory byte (MBx) 2.5 Hz clock	)		2 Hz clock	
1.25 Hz clock		1 Hz clock			0.625 Hz clock	
).5 Hz clock						
Neb server\General Activate Web server	False	Permit access only	True			
on all modules of this device		with HTTPS				
.nis device Neb server\Automat	ic update					
nable automatic	True	Update interval	Os			
update Web server\User inte	erface languages					
Assign project langu	ıage			Jser interface languages		
English (United State English (United State				German English		
English (United State	s)		F	rench		
English (United State English (United State				Spanish talian		
English (United State				Chinese (simplified)		
Web server\User ma	nagement					
User name Everybody			L	Jser rights		
Web server\User def						
Application name	HTML source path	Default HTML page index.htm		Files with dynamic content htm;.html	Web DB number	Fragment DB number
Web server\Overvie	w of interfaces	index.ntin	٠١	11011,.110111	555	757
Device		Interface			Enabled web server	access
PLC_1 Jser interface langu	ages	PROFINET interface_1	I		False	
Assign project langu	ıage			Jser interface languages		
English (United State	age s)		G	German		
English (United State English (United State English (United State	s) s) s)		G E F	German English French		
English (United State English (United State English (United State English (United State	s) s) ss) ss)		G E F S	German English French Spanish		
English (United State English (United State English (United State English (United State English (United State English (United State	lage s) s) s) s) s) s) s)		G E F S	German English French		
English (United State English (United State English (United State English (United State English (United State English (United State Fime of day\Local tir	lage ss) ss) ss) ss) ss) ss) me		G E F S	German Inglish French Ipanish Italian		
English (United State English (United State English (United State English (United State English (United State English (United State Fime of day\Local tir	s) s) s) s) s) s) s) me (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna		G E F S	German Inglish French Ipanish Italian		
English (United State English (United State English (United State English (United State English (United State English (United State Fime of day\Local tir Fime zone	nage s) s) s) s) s) s) s) s) me (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time		G E F S It	German Inglish French Ipanish Italian		
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English (United State Fime of day\Local tir Fime zone Fime of day\Dayligh Activate daylight Eaving time	nage s) s) s) s) s) s) me (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time  1	Difference between standard and day- light saving time	G E F S It	German Inglish French Ipanish Italian		
English (United State Time of day\Local tir Time zone  Time of day\Dayligh Extivate daylight Exaving time  Time of day\Dayligh Extiring week of the	lage s) s) s) s) s) s) me (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time  1	Difference between standard and day- light saving time	G E F S It	German Inglish French Ipanish Italian	of	March
English (United State Fime of day\Local tir Fime zone  Fime of day\Dayligh Exactivate daylight Evanting time  Fime of day\Dayligh Exactivate of the Enonth:	aage s) s) s) s) s) s) s) s) me (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time  1 t saving time\Start of daylight savir Last	Difference between standard and day- light saving time	E F S It C	German Inglish French Ipanish Italian	of	March
English (United State	nage s) s) s) s) s) s) s) me (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time 1 t saving time\Start of daylight savir Last 01:00 a.m. t saving time\Start of standard time	Difference between standard and day- light saving time ng time	F S It C	German Inglish French Ipanish Italian		
English (United State	aage s) s) s) s) s) s) s) me (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time 1 t saving time\Start of daylight savir Last 01:00 a.m. t saving time\Start of standard time Last	Difference between standard and day- light saving time ng time	E F S It C	German Inglish French Ipanish Italian	of	March
English (United State	alage s) s) s) s) s) s) s) ne (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time  1 t saving time\Start of daylight savir Last 01:00 a.m. t saving time\Start of standard time Last 02:00 a.m.	Difference between standard and day- light saving time ng time	F S It C	German Inglish French Ipanish Italian		
English (United State	alage s) me (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time 1 t saving time\Start of daylight savir Last 01:00 a.m. t saving time\Start of standard time Last 02:00 a.m. No protection	Difference between standard and day- light saving time ng time	F S It C	German Inglish French Ipanish Italian		
English (United State	alage s) s) s) s) s) s) s) s) s) me (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time 1 t saving time\Start of daylight savir Last 01:00 a.m. t saving time\Start of standard time Last 02:00 a.m. No protection on mechanisms	Difference between standard and day- light saving time ng time	F S It C	German Inglish French Ipanish Italian		
English (United State	alage s) s) s) s) s) s) s) s) s) me (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time 1 t saving time\Start of daylight savir Last 01:00 a.m. t saving time\Start of standard time Last 02:00 a.m. No protection on mechanisms	Difference between standard and day- light saving time ng time	F S It C	German Inglish French Ipanish Italian		
English (United State	alage s) s) s) s) s) s) s) s) s) me (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time 1 t saving time\Start of daylight savir Last 01:00 a.m. t saving time\Start of standard time Last 02:00 a.m. No protection on mechanisms	Difference between standard and day- light saving time ng time	F S It C	German Inglish French Ipanish Italian		
English (United State	alage s) s) s) s) s) s) ne (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time 1  t saving time\Start of daylight savin Last 01:00 a.m. t saving time\Start of standard time Last 02:00 a.m.  No protection on mechanisms False	Difference between standard and day-light saving time	F S It C	German Inglish French Ipanish Italian		
English (United State	alage s) s) s) s) s) s) s) s) ne (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time 1  t saving time\Start of daylight savin Last 01:00 a.m. t saving time\Start of standard time Last 02:00 a.m.  No protection on mechanisms False	Difference between standard and day-light saving time	F S It C	German Inglish French Ipanish Italian		
English (United State	alage s) s) s) s) s) s) s) s) ne (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time 1  t saving time\Start of daylight savin Last 01:00 a.m. t saving time\Start of standard time Last 02:00 a.m.  No protection on mechanisms False	Difference between standard and day-light saving time	F S It C	German Inglish French Ipanish Italian		
inglish (United State	alage s) s) s) s) s) s) s) s) me (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time 1 t saving time\Start of daylight savin Last 01:00 a.m. t saving time\Start of standard time Last 02:00 a.m.  No protection on mechanisms False  D\Configuration control for central e 0  verviewMenu)	Difference between standard and day-light saving time e	60mins Sunday Sunday	German Inglish French Ipanish Italian	of	October
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English (United State	alage s) s) s) s) s) s) s) s) me (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time 1 t saving time\Start of daylight savin Last 01:00 a.m. t saving time\Start of standard time Last 02:00 a.m.  No protection on mechanisms False  D\Configuration control for central e 0  verviewMenu)	Difference between standard and day-light saving time e	60mins Sunday Sunday	German Inglish French Ipanish Italian	of	October
English (United State	lage s) s) s) s) s) s) s) s) me (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time 1  t saving time\Start of daylight savir Last 01:00 a.m. t saving time\Start of standard time Last 02:00 a.m.  No protection on mechanisms False  D\Configuration control for central e 0  verviewMenu) True	Difference between standard and day-light saving time e	60mins Sunday Sunday	German Inglish French Ipanish Italian	of	October
English (United State	lage s) s) s) s) s) s) s) s) me (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time 1  t saving time\Start of daylight savir Last 01:00 a.m. t saving time\Start of standard time Last 02:00 a.m.  No protection on mechanisms False  D\Configuration control for central e 0  verviewMenu) True	Difference between standard and day-light saving time e	60mins Sunday Sunday	German Inglish French Ipanish Italian	of	October
inglish (United State	lage s) s) s) s) s) s) s) s) me (UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna t saving time 1  t saving time\Start of daylight savir Last 01:00 a.m. t saving time\Start of standard time Last 02:00 a.m.  No protection on mechanisms False  D\Configuration control for central e 0  verviewMenu) True	Difference between standard and day-light saving time e	60mins Sunday Sunday	German Inglish French Ipanish Italian	of	October

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/pe	Addr. from	Addr. to	Module	PIP	DP	PN	Rack	Slot
	0	0	DI 8/DQ 6_1	None	-	-	0	1 1
	64	67	AI 2_1	None	-	-	0	1 2
	1000	1003	HSC_1	None	-	-	0	1 16
	1004	1007	HSC_2	None	-	-	0	1 17
	1008	1011	HSC_3	None	-	-	0	1 18
	1012	1015	HSC_4	None	-	-	0	1 19
	1016	1019	HSC_5	None	-	-	0	1 20
	1020	1023	HSC_6	None	-	-	0	1 21
	7	8	IN 1 WORD_1	None	-	(1)	0	4
	3	6	IN 2 WORD_1	None	-	(1)	0	3
	2	2	IN 1 BYTE_1	None	-	(1)	0	2
C	0	0	DI 8/DQ 6_1	None	-	-	0	1 1
0	1000	1001	Pulse_1	None	-	-	0	1 32
<b>O</b>	1002	1003	Pulse_2	None	-	-	0	1 33
)	1004	1005	Pulse_3	None	-	-	0	1 34
)	1006	1007	Pulse_4	None	-	-	0	1 35
)	96	99	AQ 2x14BIT_1	None	-	-	0	2
0	2	2	OUT 1 BYTE_1	None	-	(1)	0	1

Inin Duran	1]							
Main Properti General								
Name Numbering	Main automatic	Numbe	r 1		Туре	ОВ	Language	LAD
nformation		/C Anathran			(C		To maile	
itle	"Main Program Sweep cle)"				Comment		Family	
ersion/	0.1	User-de ID	fined					
Name		Data	a type	Default value		Comment		
<b>▼</b> Input								
Initial_C Remane		Bool Bool				Initial call of this	OB nt data are available	
Temp	ince	ВООІ				= rrue, il remanei	iit data are avaliable	
Constant								
letwork 1:								
		1	%FC1					
			"Block_1" - EN ENO				-	
		Γ	EIVU				-	
		l						
mbol	Ade	dress		Туре		Comment		

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

## Data\_block\_1 [DB1]

Data_block_1 Properties							
General							
Name	Data_block_1	Number	1	Туре	DB	Language	DB
Numbering	automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined					
		ID					

Name	Data type	Start value	Retain	Accessible from HMI	Visible in HMI	Setpoint	Comment
<b>▼</b> Static							
TURCK.liveBit	Bool	false	False	True	True	False	
TURCK.mode	Bool	false	False	True	True	False	
TURCK.alarm	Bool	false	False	True	True	False	
TURCK.PV	Real	0.0	False	True	True	False	
TURCK.SP	Real	0.0	False	True	True	False	
TURCK.VALVE	Real	0.0	False	True	True	False	
Pressure_PV_temp	Real	0.0	False	True	True	False	
Pressure_SP_temp	Real	0.0	False	True	True	False	
Pressure_PV	Real	0.0	False	True	True	False	
Pressure_SP	Real	0.0	False	True	True	False	
Valve_PV_temp	Real	0.0	False	True	True	False	
Valve_PV	Real	0.0	False	True	True	False	

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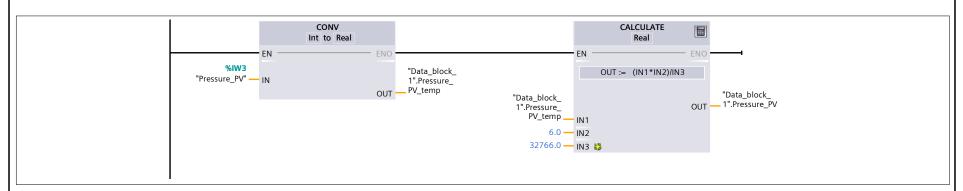
### PLC\_1 [CPU 1212C AC/DC/Rly] / Program blocks

### Block\_1 [FC1]

Block_1 Properties							
General							
Name	Block_1	Number	1	Туре	FC	Language	LAD
Numbering	automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined					,
		ID					

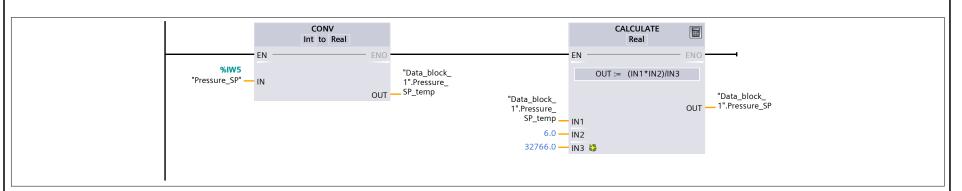
Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Block_1	Void		

#### Network 1: Odczytanie PressurePV



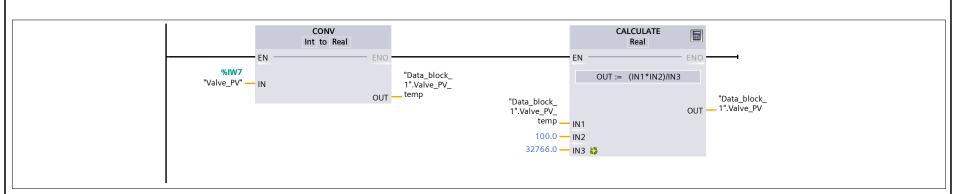
Symbol	Address	Туре	Comment
"Data_block_1".Pressure_PV		Real	
"Data_block_1".Pressure_PV_temp		Real	
"Pressure_PV"	%IW3	Word	wartość ciśnienia w zbiorniku

#### Network 2:



Symbol	Address	Туре	Comment
"Data_block_1".Pressure_SP		Real	
"Data_block_1".Pressure_SP_temp		Real	
"Pressure_SP"	%IW5	Word	wartość ciśnienia zadanego odczytanego z TURCK

#### Network 3:



Symbol	Address	Туре	Comment
"Data_block_1".Valve_PV		Real	
"Data_block_1".Valve_PV_temp		Real	
"Valve_PV"	%IW7	Word	stopień wysterowania zaworów w procentach

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PLC_1 [CPU 121	2C AC/DC/Rly]	
Technology objec	ts	
This folder is empty.		
This folder is empty.		

# PLC\_1 [CPU 1212C AC/DC/Rly] / PLC tags / Default tag table [60]

## PLC tags

PLC t		5.1.1	A 1 1	- ·			
	Name	Data type	Address	Retain	Visible in HMI	Accessible from HMI	
<b>•</b>	In0	Bool	%12.0	False	True		bit statusowy - "liveBit" ze sterownika TURCK
<b>•</b> 11	ln1	Bool	%I2.1	False	True		bit statusowy - wartość aktualna nie jest równa wartości zadanej
1	ln2	Bool	%I2.2	False	True		bit statusowy - sterownik pracuje bez blędów
<b>1</b>	ln3	Bool	%I2.3	False	True		bit statusowy - wartość aktualna = wartość zadana
<b>-</b> 111	ln4	Bool	%I2.4	False	True	True	bit statusowy - stanowisko w trybie stero- wania ręcznego
<b>1</b>	ln5	Bool	%I2.5	False	True	True	
<b>1</b>	ln6	Bool	%12.6	False	True	True	
<b>1</b>	ln7	Bool	%12.7	False	True	True	
<b>€</b> 11	Out0	Bool	%Q2.0	False	True	True	bit statusowy - "liveBit" ze sterownika S&
<b>•</b>	Out1	Bool	%Q2.1	False	True	True	
<b>•</b>	Out2	Bool	%Q2.2	False	True	True	
<b>III</b>	Out3	Bool	%Q2.3	False	True	True	
<b>III</b>	Out4	Bool	%Q2.4	False	True	True	
<b>1</b>	Out5	Bool	%Q2.5	False	True	True	
<b>•</b>	Out6	Bool	%Q2.6	False	True	True	
<b>•</b>	Out7	Bool	%Q2.7	False	True	True	
•	DQ0	Bool	%Q0.5	False	True		wyjście fizyczne sterownika S7 wykorzystane jako indykator komunikacji ze sterownikiem TURCK
<b>•</b>	Pressure_PV	Word	%IW3	False	True	True	wartość ciśnienia w zbiorniku
<b>-</b> 111	Pressure_SP	Word	%IW5	False	True		wartość ciśnienia zadanego odczytanego z TURCK
<b>₹</b> 00	Valve_PV	Word	%IW7	False	True		stopień wysterowania zaworów w procentach

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PLC_1 [CPU 121 User constants	2C AC/DC/Rly] / PLC ta	igs / Default tag	table [60]		
User constants Name	Data	type	Value	Comment	
, tame		- Jr-	1,5125	, comment	

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PLC_1 [CPU 12120	C AC/DC/Rly]	
PLC data types		
This folder is empty.		

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	2C AC/DC/Rly] / Watch and	d force tables			
Force table	Address	Display format	Force value	Commen	t
		1 3		1-	
	T				

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PLC_1 [CPU 121	2C AC/DC/Rly] / Traces	
Measurements		
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PLC_1 [CPU 1212C AC/DC/Rly]	•
Text lists	
This folder is empty.	
This folder is empty.	

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

### AQ 2x14BIT\_1

General\Project info	rmation						
Name	AQ 2x14BIT_1	Author	LAB4	Comment			
Slot	2						
General\Catalog info	ormation						
Short designation	SM 1232 AQ2	Description	Analog output module AQ2 x 14 bits; plug-in terminal blocks; output: +/-10V and 0 to 20 mA; selectable diagnostics; selectable substitute value for output	Article number	6ES7 232-4HB32-0XB0		
Firmware version	V2.0						
AQ 2\Project inform	ation						
Name	AQ 2x14BIT_1	Comment					
AQ 2\Module diagno	ostics						
Enable power sup- ply diagnostics	1	Additional diagnos- tics may be selected for each input/ output.					
AQ 2\Analog outputs							
Reaction to CPU STOP	Use substitute value						
AQ 2\Analog output	s\Channel0						
Channel address	QW96	Analog output type	Voltage	Voltage range	+/- 10 V		
Substitute value for channel on a change from RUN to STOP				Enable short circuit diagnostics	1		
Enable overflow diagnostics	1	Enable underflow diagnostics	1				
AQ 2\Analog output	Channel1						
Channel address	QW98	Analog output type	Voltage	Voltage range	+/- 10 V		
Substitute value for channel on a change from RUN to STOP				Enable short circuit diagnostics	1		
Enable overflow diagnostics	1	Enable underflow diagnostics	1				
AQ 2\I/O addresses\0	Output addresses						
Start address	96	End address	99	Organization block	0		
	•		+	-i			
Process image	0						

al	DPOEINET IO System	Bl., inch.	100	Hen manne as system. If the	
	PROFINET IO-System	Number:	100	Use name as exten- sion for the PROFI- NET device name.	

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# PLC\_1 [CPU 1212C AC/DC/Rly] / Distributed I/O / PROFINET IO-System (100): PN/IE\_1

### turck-cds3-pn-device

turck-cds3-pn-device						
General Name	turck-cds3-	pn-device	Author	LAB4	Comment	
Rack	0	,	Slot	0		
General\Catalog info			-  -			
Short designation	CDS3 PN De	evice	Description	CODESYS3 generic PROFINET Device	Article number	
Firmware version	SW V 1.3.22	2		HW 1	GSD file	gsdml-v2.3-turck-cds3_pn_de- vice-20151208-010322.xml
PROFINET interface		nl .				
Name PROFINET interface I	PN-IO [ <b>X1]\Fthern</b>	et addresses\Interface n	Comment etworked with			
Subnet:	PN/IE_1	coudaresses interrace n	COVOINCE WITH			
PROFINET interface	_	et addresses\IP protocol				
Use IP protocol	True	-	IP address:	192.168.1.12		
PROFINET interface   PROFINET device	[ <b>X1]\Ethern</b> False	et addresses\PROFINET	Generate PROFINET	Ealso	PROFINET device	TURCK_BL
name is set directly	laise		device name auto-	Tuise	name	TORCK_BE
at the device			matically			
Converted name:	turckxbbl77	//e ced options\Interface op	Device mamber.	1		
Prioritized startup	False	ced options interface op		True		
·			mode			
		ced options\Media redur		Not device in the size	Altanostica	Falsa
MRP domain	mrpdomain	1-	Media redundancy role:	Not device in the ring	Alternative redun- dancy	False
PROFINET interface	X1]\Advan	ced options\Real time se	1	e time		
Automatic	True		Update time	4.000ms	Can be set	False
		ced options\Real time se				
Trigger watchdog after	scycles of r	nissing IO data.	Watchdog time:	12.000ms		
	[X1]\Advan	ced options\Port 1 [X1 P	1]\General			
Position Number	1		Name	Port 1	Comment	
		ced options\Port 1 [X1 P			Cable name:	
Local port:	turck-cds3- [X1]\Port 1	pn-device\PN-IO [X1 P1 R]	Medium:	Copper	Cable name:	
PROFINET interface	_	ced options\Port 1 [X1 P				
	Monitoring possible	of partner port is not	Alternative partners	False	Partner port:	Any partner
PROFINET interface		ced options\Port 1 [X1 P	1]\Port options\Activa	te		
Activate this port for	True					
use PROFINET interface l	X11\Advan	ced options\Port 1 [X1 P	1]\Port ontions\Conne	ection		
Transmission rate /		sea options; of FIXIP	Monitor	False	Enable autonegotia-	True
duplex:					tion	
		ced options\Port 1 [X1 P			End of the	r-1
End of detection of accessible devices	False		End of topology dis- covery	False	End of the sync do- main	False
	[X1]\Advan	ced options\Port 1 [X1 P		r\Hardware identifier		
Hardware identifier	275					
	[ <b>X1]\Advan</b> d	ced options\Port 2 [X1 P		Port 2	Comment	
		ced options\Port 2 [X1 P		I .	Comment	
Local port:	turck-cds3-	pn-device\PN-IO	Medium:	Copper	Cable name:	
	[X1]\Port 2	[X1 P2 R]	No.			
			-			
PROFINET interface		ced options\Port 2 [X1 P				
PROFINET interface	possible	of partner port is not ced options\Port 2 [X1 P:	Alternative partners		Partner port:	Any partner
Activate this port for use		ετα οριιοποιτοτί 2 [ΧΤΡ.	214 OF COPHOLISMENTA			
PROFINET interface		ced options\Port 2 [X1 P:	•	ection		
Transmission rate /	Automatic		Monitor	False	Enable autonegotia-	True
duplex: PROFINET interface l	X1l\Advand	ced options\Port 2 [X1 P	 	laries	tion	
End of detection of		-13 options if of t Z [A1 F	End of topology dis-		End of the sync do-	False
accessible devices			covery		main	
PROFINET interface   Hardware identifier		ced options\Port 2 [X1 P	2]\Hardware identifie	r\Hardware identifier		
i iai uwai e iueniiner	2/0		<u> </u>			

	1			
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PROFINET interface [X1]\I	     Hardware identifier\Hardware	identifier		
Hardware identifier 274 Identification & Maintena	ance			
Plant designation Additional informa-		Location identifier	Installation date	2019-04-02 15:18:12.313
tion	meters\Deactivate all diagnost	ics		
Deactivate all diag- nostics	e			
Hardware identifier\Hard Hardware identifier 277	ware identifier			
inardware identifier 277				
	_			

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PLC_1 [CPU 1212C AC/DC/Rly] / Distributed I/O / PROFINET IO-System (100): PN/IE_1 / turck-cds3-pn-device OUT 1 BYTE_1 OUT 1 BYTE_1							
General							
Name	OUT 1 BYTE_1	Author	L A D 4	_			
		Autiloi	LAB4	Comment			
Rack	0	Slot	1 1	Comment			
	•		1 1	Comment			
General\Catalog info	•		1 OUT 1 BYTE	Comment  Article number			
Rack General\Catalog info Short designation Firmware version	ormation	Slot	1		gsdml-v2.3-turck-cds3_pn_de- vice-20151208-010322.xml		
General\Catalog info Short designation Firmware version	ormation OUT 1 BYTE	Slot Description	1	Article number			
General\Catalog info	ormation OUT 1 BYTE	Slot Description	1	Article number	vice-20151208-010322.xml		

Hardware identifier\Hardware identifier Hardware identifier 278

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PLC_1 [CPU 1212C AC/DC/Rly] / Distributed I/O / PROFINET IO-System (100): PN/IE_1 / turck-cds3-pn-device						
IN 1 BYTE_1						

IN 1 BYTE_1								
General								
Name	IN 1 BYTE_1	Author	LAB4	Comment				
Rack	0	Slot	2					
General\Catalog info	General\Catalog information							
Short designation	IN 1 BYTE	Description	IN 1 BYTE	Article number				
Firmware version		HwVersion		GSD file	gsdml-v2.3-turck-cds3_pn_de- vice-20151208-010322.xml			
Inputs\								
Hardware interrupt:	Deactivated	RidPrefix4Event	49152	Event name:	0			
Hardware interrupt:	0	Hardware interrupt	Hardware interrupt	EventChannelNr	32768			
EventTypeID	0							
I/O addresses\Input a	addresses							
Start address	2	End address	2	Organization block	0			
Process image	0							
Hardware identifier\	Hardware identifier\Hardware identifier							
Hardware identifier	279							

I							
PLC_1 [CPU 1212C AC/DC/Rly] / Distributed I/O / PROFINET IO-System (100): PN/IE_1 / turck-cds3-pn-device IN 2 WORD_1							
IN 2 WORD_1							
General							
IN 2 WORD_1	Author	LAB4	Comment				
0	Slot	3					
	General\Catalog information						
ormation							
	on-device IN 2 WORD_1	1212C AC/DC/Rly] / Distributed I/O on-device  IN 2 WORD_1  Author	1212C AC/DC/Rly] / Distributed I/O / PROFINET IO-Systemon-device  IN 2 WORD_1  Author  LAB4	1212C AC/DC/Rly] / Distributed I/O / PROFINET IO-System (100): PN/IE on-device  IN 2 WORD_1  Author  LAB4  Comment			

Name	IN 2 WORD_I	Autnor	LAB4	Comment			
Rack	0	Slot	3				
General\Catalog info	rmation						
Short designation	IN 2 WORD	Description	IN 2 WORD	Article number			
Firmware version		HwVersion		GSD file	gsdml-v2.3-turck-cds3_pn_de- vice-20151208-010322.xml		
Inputs\							
Hardware interrupt:	Deactivated	RidPrefix4Event	49152	Event name:	0		
Hardware interrupt:	0	Hardware interrupt	Hardware interrupt	EventChannelNr	32768		
EventTypeID	0						
I/O addresses\Input a	nddresses						
Start address	3	End address	6	Organization block	0		
Process image	0						
Hardware identifier\	Hardware identifier\Hardware identifier						
Hardware identifier	280						

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PLC_1 [CPU 1212C AC/DC/Rly] / Distributed I/O / PROFINET IO-System (100): PN/IE_1 / turck-cds3-pn-device							
IN 1 WORD_1							
IN 1 WORD_1							
General							
Name	IN 1 WORD_1	Author	LAB4	Comment			
Rack	0	Slot	4				
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IN I WORD_I					
General					
Name	IN 1 WORD_1	Author	LAB4	Comment	
Rack	0	Slot	4		
General\Catalog info	ormation				
Short designation	IN 1 WORD	Description	IN 1 WORD	Article number	
Firmware version		HwVersion		GSD file	gsdml-v2.3-turck-cds3_pn_de- vice-20151208-010322.xml
Inputs\					
Hardware interrupt:	Deactivated	RidPrefix4Event	49152	<b>Event name:</b>	0
Hardware interrupt:	0	Hardware interrupt	Hardware interrupt	EventChannelNr	32768
EventTypeID	0				
I/O addresses\Input a	addresses				
Start address	7	End address	8	Organization block	0
Process image	0				
Hardware identifier\	Hardware identifier				
Hardware identifier	281				