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#### cwiczenie0

Project					
Name:	cwiczenie0	Creation time:	3/12/2019 4:30:00 PM	Last change	3/12/2019 5:17:03 PM
Author:	AA_LAB7	Last modified by:	AA_LAB7	Version:	
Comment:					

1	
Operating system	
Name	Description
Operating system	Microsoft Windows 8.1 Pro
Version of the operating system	6.3.9600.0
Operating system service pack	
Version of the Internet Explorer	9.11.9600.17031
Computer name	LAB7
User name	LAB7\AA_LAB7
Installation path of the TIA Portal	C:\Program Files (x86)\Siemens\Automation\Portal V13

	Release
V13.0 + SP1	V13.00.01.00_25.01.00.01
V13.0 + SP1	V13.00.01.00_25.01.00.01
V13.0 + SP1	V13.00.01.00_25.01.00.01
V13.0	V13.00.00.00_10.01.00.03
V13.0 + SP1	V13.00.01.00_25.01.00.01
V13.0	V13.00.00.00_10.01.00.03
V13.0 + SP1	V13.00.01.00_25.01.00.01
13.0	V01.02.01.00_10.01.00.15
13.0.1.0	V13.00.01.00_25.01.00.01
13.0.1.0	V13.00.01.00_25.01.00.01
29.0	29.00.00.00_01.24.00.02
5.5	05.05.04.02_01.01.00.02
2.2.0.0	V02.02.00.00_01.05.00.02
13.0.1.0	V13.00.01.00_25.01.00.01
	V13.0 + SP1  V13.0  V13.0 + SP1  V13.0  V13.0  V13.0  V13.0  V13.0  V13.0 + SP1  V13.0 + SP1  V13.0 + SP1  V13.0 + SP1  13.0 13.0.1.0 13.0.1.0 29.0 5.5 2.2.0.0

Products		
Name	Version	Release
SIMATIC STEP 7 Basic	V13.0 SP1	V13.00.01.00_25.01.00.01
SIMATIC WinCC Basic	V13.0 SP1	V13.00.01.00_25.01.00.01
Automation License Manager	V5.3 + SP2 + Upd2	05.03.02.02_01.01.00.01
SIMATIC ProSave	V13.0 SP1	V13.00.01.00_25.01.00.01

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#### cwiczenie0

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

LC_1 ieneral\Project infor					
	mation				
	PLC_1	Author	AA_LAB7	Comment	
ot	1	Rack	0		
eneral\Catalog info		Description	Morte marine 75 I/D 400/0401/45	Auticle	6FC7 242 4PF40 0VP2
hort designation	CPU 1212C AC/DC/Rly	Description	Work memory 75 KB; 120/240VAC power supply with DI8 x 24VDC	Article number	6ES7 212-1BE40-0XB0
			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 on-		
			board I/O; up to 3 communication		
			modules for serial communication;		
			up to 2 signal modules for I/O ex-		
			pansion; 0.04 ms/1000 instructions; PROFINET interface for pro-		
			gramming, HMI and PLC to PLC		
			communication		
	V4.1				
eneral\Identificatio	n & Maintenance	l a antinu idautifinu		Installation date	2010 02 12 16 22 02 545
lant designation dditional informa-		Location identifier		installation date	2019-03-12 16:32:03.545
on					
ROFINET interface [	X1]\General				
	PROFINET interface_1	Author	AA_LAB7	Comment	
	[X1]\General\Project information			N	N 2 4
	DI 8/DQ 6_1	Comment		Name	AI 2_1
omment ROFINET interface [	  X1]\Ethernet addresses\Interface r	etworked with			
	PN/IE_1	CONTORICG WITH			
	[X1]\Ethernet addresses\IP protoco				
	Set IP address in the project	IP address:	192.168.0.1	Subnet mask:	255.255.255.0
	False				
	[X1]\Ethernet addresses\PROFINET	Concret BROFILE	Two	DDOEINET 1	nla 1
ROFINET device ame is set directly	False	Generate PROFINET device name auto-	True	PROFINET device name	plc_1
the device		matically			
	plcxb1d0ed	Device number:	0		<u> </u>
	X1]\Time synchronization				
	Enable time synchronization via		IP addresses	Server 1	0.0.0.0
hronization via NTP erver	NIP server				
	0.0.0.0	Server 3	0.0.0.0	Server 4	0.0.0.0
pdate interval	10sec	L	!	J1	1
	X1]\Digital inputs\Channel0				
	10.0	Input filters	6.4 millisec	Enable pulse catch	0
_	X1]\Digital inputs\Channel0\	PidProfivPicing Ed.	49152	Event name:	0
nable rising edge etection	U	RidPrefixRisingEdg- eEvent	JUL	Event name:	U
ardware interrupt:	0	Rising edge0	Rising edge0		-1
ROFINET interface [	X1]\Digital inputs\Channel0\				
nable falling edge					
	0	RidPrefixFallingEdg-	49280	Event name:	0
etection		eEvent		Event name:	0
etection ardware interrupt:	0		49280 Falling edge0	Event name:	0
etection lardware interrupt: ROFINET interface [	0 X1]\Digital inputs\Channel1	eEvent Falling edge0	Falling edge0		
etection lardware interrupt: ROFINET interface [ hannel address	0  X1]\Digital inputs\Channel1  0.1	eEvent			0
etection lardware interrupt: ROFINET interface [ hannel address ROFINET interface [	0 X1]\Digital inputs\Channel1	eEvent Falling edge0	Falling edge0		
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection	0 [X1]\Digital inputs\Channel1  0.1 [X1]\Digital inputs\Channel1\ 0	eEvent Falling edge0 Input filters RidPrefixRisingEdg- eEvent	Falling edge0  6.4 millisec  49153	Enable pulse catch	0
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection ardware interrupt:	0 [X1]\Digital inputs\Channel1  0.1 [X1]\Digital inputs\Channel1\ 0	eEvent Falling edge0 Input filters RidPrefixRisingEdg-	Falling edge0 6.4 millisec	Enable pulse catch	0
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [	0  [X1]\Digital inputs\Channel1  [0.1  [X1]\Digital inputs\Channel1\  0  0  [X1]\Digital inputs\Channel1\	eEvent Falling edge0 Input filters RidPrefixRisingEdgeEvent Rising edge1	Falling edge0  6.4 millisec  49153  Rising edge1	Enable pulse catch  Event name:	0
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable falling edge	0  [X1]\Digital inputs\Channel1  [0.1  [X1]\Digital inputs\Channel1\  0  0  [X1]\Digital inputs\Channel1\	eEvent Falling edge0 Input filters RidPrefixRisingEdgeEvent Rising edge1 RidPrefixFallingEdg-	Falling edge0  6.4 millisec  49153  Rising edge1	Enable pulse catch	0
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable falling edge etection	0 [X1]\Digital inputs\Channel1  0.1 [X1]\Digital inputs\Channel1\ 0 [X1]\Digital inputs\Channel1\ 0 [X1]\Digital inputs\Channel1\	eEvent Falling edge0 Input filters RidPrefixRisingEdg- eEvent Rising edge1 RidPrefixFallingEdg- eEvent	Falling edge0  6.4 millisec  49153  Rising edge1  49281	Enable pulse catch  Event name:	0
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable falling edge etection ardware interrupt:	0 [X1]\Digital inputs\Channel1  0.1 [X1]\Digital inputs\Channel1\ 0 [X1]\Digital inputs\Channel1\ 0 [X1]\Digital inputs\Channel1\ 0	eEvent Falling edge0 Input filters RidPrefixRisingEdgeEvent Rising edge1 RidPrefixFallingEdg-	Falling edge0  6.4 millisec  49153  Rising edge1	Enable pulse catch  Event name:	0
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable falling edge etection ardware interrupt: ROFINET interface [ hannel address	0 [X1]\Digital inputs\Channel1 [0.1 [X1]\Digital inputs\Channel1\ 0 [X1]\Digital inputs\Channel1\ 0 [X1]\Digital inputs\Channel1\ 0 [X1]\Digital inputs\Channel2 [0.2	eEvent Falling edge0 Input filters RidPrefixRisingEdg- eEvent Rising edge1 RidPrefixFallingEdg- eEvent	Falling edge0  6.4 millisec  49153  Rising edge1  49281	Enable pulse catch  Event name:	0
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [	0 [X1]\Digital inputs\Channel1  0.1 [X1]\Digital inputs\Channel1\ 0  [X1]\Digital inputs\Channel1\ 0  [X1]\Digital inputs\Channel1\ 0  [X1]\Digital inputs\Channel2 [0.2 [X1]\Digital inputs\Channel2\	eEvent Falling edge0 Input filters RidPrefixRisingEdgeEvent Rising edge1 RidPrefixFallingEdgeEvent Falling edge1 Input filters	Falling edge0  6.4 millisec  49153  Rising edge1  49281  Falling edge1  6.4 millisec	Enable pulse catch  Event name:  Event name:  Enable pulse catch	0
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hannel address ROFINET interface [	0 [X1]\Digital inputs\Channel1 [0.1 [X1]\Digital inputs\Channel1\ 0 [X1]\Digital inputs\Channel1\ 0 [X1]\Digital inputs\Channel1\ 0 [X1]\Digital inputs\Channel2 [0.2	eEvent Falling edge0 Input filters RidPrefixRisingEdgeEvent Rising edge1 RidPrefixFallingEdgeEvent Falling edge1 Input filters RidPrefixRisingEdg-	Falling edge0 6.4 millisec 49153 Rising edge1 49281 Falling edge1	Enable pulse catch  Event name:  Event name:	0
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hannel address ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection	0 [X1]\Digital inputs\Channel1  0.1 [X1]\Digital inputs\Channel1\ 0 [X1]\Digital inputs\Channel1\ 0 [X1]\Digital inputs\Channel1\ 0 [X1]\Digital inputs\Channel2 [0.2 [X1]\Digital inputs\Channel2\ 0	eEvent Falling edge0 Input filters RidPrefixRisingEdgeEvent Rising edge1 RidPrefixFallingEdgeEvent Falling edge1 Input filters RidPrefixRisingEdgeVent	Falling edge0  6.4 millisec  49153  Rising edge1  49281  Falling edge1  6.4 millisec  49154	Enable pulse catch  Event name:  Event name:  Enable pulse catch	0
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt:	0 [X1]\Digital inputs\Channel1  0.1 [X1]\Digital inputs\Channel1\] 0 [X1]\Digital inputs\Channel1\] 0 [X1]\Digital inputs\Channel2\] [X1]\Digital inputs\Channel2\] [X1]\Digital inputs\Channel2\] 0 [X1]\Digital inputs\Channel2\] 0	eEvent Falling edge0 Input filters RidPrefixRisingEdgeEvent Rising edge1 RidPrefixFallingEdgeEvent Falling edge1 Input filters RidPrefixRisingEdg-	Falling edge0  6.4 millisec  49153  Rising edge1  49281  Falling edge1  6.4 millisec	Enable pulse catch  Event name:  Event name:  Enable pulse catch	0
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hannel address ROFINET interface [ hannel interrupt: ROFINET interface [ hannel rising edge etection ardware interrupt: ROFINET interface [	0  X1]\Digital inputs\Channel1   0.1  X1]\Digital inputs\Channel1\ 0  0  X1]\Digital inputs\Channel1\ 0  0  X1]\Digital inputs\Channel2   0.2  X1]\Digital inputs\Channel2\ 0  0  X1]\Digital inputs\Channel2\ 0  0  X1]\Digital inputs\Channel2\	eEvent Falling edge0 Input filters RidPrefixRisingEdgeEvent Rising edge1 RidPrefixFallingEdgeEvent Falling edge1 Input filters RidPrefixRisingEdgeVent	Falling edge0  6.4 millisec  49153  Rising edge1  49281  Falling edge1  6.4 millisec  49154  Rising edge2	Enable pulse catch  Event name:  Event name:  Enable pulse catch	0
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable rising edge etection ardware interrupt:	0 [X1]\Digital inputs\Channel1  0.1 [X1]\Digital inputs\Channel1\ 0  [X1]\Digital inputs\Channel1\ 0  [X1]\Digital inputs\Channel2\ 10.2 [X1]\Digital inputs\Channel2\ 0  [X1]\Digital inputs\Channel2\ 0  [X1]\Digital inputs\Channel2\ 0  [X1]\Digital inputs\Channel2\ 0	eEvent Falling edge0 Input filters RidPrefixRisingEdg- eEvent Rising edge1 RidPrefixFallingEdg- eEvent Falling edge1 Input filters RidPrefixRisingEdg- eEvent Rising edge2 RidPrefixFallingEdg- eEvent	Falling edge0  6.4 millisec  49153  Rising edge1  49281  Falling edge1  6.4 millisec  49154  Rising edge2	Enable pulse catch  Event name:  Event name:  Enable pulse catch  Event name:	0 0
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hannel address ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt:	0 [X1]\Digital inputs\Channel1  0.1 [X1]\Digital inputs\Channel1\\ 0  0 [X1]\Digital inputs\Channel1\\ 0  0 [X1]\Digital inputs\Channel2  0.2 [X1]\Digital inputs\Channel2\\ 0  0 [X1]\Digital inputs\Channel2\\ 0  0 [X1]\Digital inputs\Channel2\\ 0 0 [X1]\Digital inputs\Channel2\\ 0 0 [X1]\Digital inputs\Channel2\\ 0 0	eEvent Falling edge0 Input filters RidPrefixRisingEdg- eEvent Rising edge1 RidPrefixFallingEdg- eEvent Falling edge1 Input filters RidPrefixRisingEdg- eEvent Rising edge2 RidPrefixFallingEdg- eEvent	Falling edge0  6.4 millisec  49153  Rising edge1  49281  Falling edge1  6.4 millisec  49154  Rising edge2	Enable pulse catch  Event name:  Event name:  Enable pulse catch  Event name:	0 0
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt: ROFINET interface [	0 [X1]\Digital inputs\Channel1  0.1 [X1]\Digital inputs\Channel1\] 0  0 [X1]\Digital inputs\Channel1\] 0  [X1]\Digital inputs\Channel2\] [0.2 [X1]\Digital inputs\Channel2\] 0  [X1]\Digital inputs\Channel2\] 0  [X1]\Digital inputs\Channel2\] 0 [X1]\Digital inputs\Channel3	eEvent Falling edge0 Input filters RidPrefixRisingEdgeEvent Rising edge1 RidPrefixFallingEdgeEvent Falling edge1 Input filters RidPrefixRisingEdgeEvent Rising edge2 RidPrefixFallingEdgeEvent Rising edge2 RidPrefixFallingEdgeEvent Falling edge2	Falling edge0  6.4 millisec  49153  Rising edge1  49281  Falling edge1  6.4 millisec  49154  Rising edge2  49282  Falling edge2	Enable pulse catch  Event name:  Event name:  Enable pulse catch  Event name:	O
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt:	0 [X1]\Digital inputs\Channel1  0.1  X1]\Digital inputs\Channel1\  0  0 [X1]\Digital inputs\Channel1\  0  0 [X1]\Digital inputs\Channel2\   0.2 [X1]\Digital inputs\Channel2\  0  0 [X1]\Digital inputs\Channel2\  0  0 [X1]\Digital inputs\Channel2\  0  0 [X1]\Digital inputs\Channel3  0.3	eEvent Falling edge0 Input filters RidPrefixRisingEdg- eEvent Rising edge1 RidPrefixFallingEdg- eEvent Falling edge1 Input filters RidPrefixRisingEdg- eEvent Rising edge2 RidPrefixFallingEdg- eEvent	Falling edge0  6.4 millisec  49153  Rising edge1  49281  Falling edge1  6.4 millisec  49154  Rising edge2	Enable pulse catch  Event name:  Event name:  Enable pulse catch  Event name:	O
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hannel address ROFINET interface [	0  X1]\Digital inputs\Channel1   0.1  X1]\Digital inputs\Channel1\ 0  0  X1]\Digital inputs\Channel1\ 0  0  X1]\Digital inputs\Channel2   0.2  X1]\Digital inputs\Channel2\ 0  0  X1]\Digital inputs\Channel2\ 0  0  X1]\Digital inputs\Channel3   0.3  X1]\Digital inputs\Channel3\  0.3  X1]\Digital inputs\Channel3\	eEvent Falling edge0 Input filters RidPrefixRisingEdg- eEvent Rising edge1 RidPrefixFallingEdg- eEvent Falling edge1 Input filters RidPrefixRisingEdg- eEvent Rising edge2 RidPrefixFallingEdg- eEvent Falling edge2 Input filters	Falling edge0  6.4 millisec  49153  Rising edge1  49281  Falling edge1  6.4 millisec  49154  Rising edge2  49282  Falling edge2  6.4 millisec	Enable pulse catch  Event name:  Event name:  Enable pulse catch  Event name:  Event name:	O
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable falling edge etection ardware interrupt: ROFINET interface [ nable falling edge etection ardware interrupt: ROFINET interface [ hannel address	0  X1]\Digital inputs\Channel1   0.1  X1]\Digital inputs\Channel1\ 0  0  X1]\Digital inputs\Channel1\ 0  0  X1]\Digital inputs\Channel2   0.2  X1]\Digital inputs\Channel2\ 0  0  X1]\Digital inputs\Channel2\ 0  0  X1]\Digital inputs\Channel3   0.3  X1]\Digital inputs\Channel3\  0.3  X1]\Digital inputs\Channel3\	eEvent Falling edge0 Input filters RidPrefixRisingEdgeEvent Rising edge1 RidPrefixFallingEdgeEvent Falling edge1 Input filters RidPrefixRisingEdgeEvent Rising edge2 RidPrefixFallingEdgeEvent Rising edge2 RidPrefixFallingEdgeEvent Falling edge2	Falling edge0  6.4 millisec  49153  Rising edge1  49281  Falling edge1  6.4 millisec  49154  Rising edge2  49282  Falling edge2	Enable pulse catch  Event name:  Event name:  Enable pulse catch  Event name:	O
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable rising edge etection ardware interrupt: ROFINET interface [ nable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hannel address ROFINET interface [ hannel address ROFINET interface [ nable rising edge etection	0  X1]\Digital inputs\Channel1   0.1  X1]\Digital inputs\Channel1\ 0  0  X1]\Digital inputs\Channel1\ 0  0  X1]\Digital inputs\Channel2   0.2  X1]\Digital inputs\Channel2\ 0  0  X1]\Digital inputs\Channel2\ 0  0  X1]\Digital inputs\Channel3   0.3  X1]\Digital inputs\Channel3\  0.3  X1]\Digital inputs\Channel3\ 0	eEvent Falling edge0 Input filters RidPrefixRisingEdg- eEvent Rising edge1 RidPrefixFallingEdg- eEvent Falling edge1 Input filters RidPrefixRisingEdg- eEvent Rising edge2 RidPrefixFallingEdg- eEvent Falling edge2 Input filters RidPrefixRisingEdg- eEvent Falling edge2 Input filters	Falling edge0  6.4 millisec  49153  Rising edge1  49281  Falling edge1  6.4 millisec  49154  Rising edge2  49282  Falling edge2  6.4 millisec	Enable pulse catch  Event name:  Event name:  Enable pulse catch  Event name:  Event name:	O
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [	0 [X1]\Digital inputs\Channel1  0.1 [X1]\Digital inputs\Channel1\ 0  0 [X1]\Digital inputs\Channel1\ 0  0 [X1]\Digital inputs\Channel2\ 10.2 [X1]\Digital inputs\Channel2\ 0  0 [X1]\Digital inputs\Channel2\ 0  0 [X1]\Digital inputs\Channel3\ 0  0 [X1]\Digital inputs\Channel3\ 0 0 [X1]\Digital inputs\Channel3\ 0 0 [X1]\Digital inputs\Channel3\ 0 0 [X1]\Digital inputs\Channel3\ 0 0 [X1]\Digital inputs\Channel3\	eEvent Falling edge0 Input filters RidPrefixRisingEdgeEvent Rising edge1 RidPrefixFallingEdgeEvent Falling edge1 Input filters RidPrefixRisingEdgeEvent Rising edge2 RidPrefixFallingEdgeEvent Falling edge2 Input filters RidPrefixFallingEdgeEvent Falling edge2 Input filters RidPrefixRisingEdgeEvent Falling edge2	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	Enable pulse catch  Event name:  Event name:  Enable pulse catch  Event name:  Event name:	O
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [ hable falling edge	0 [X1]\Digital inputs\Channel1  0.1 [X1]\Digital inputs\Channel1\ 0  0 [X1]\Digital inputs\Channel1\ 0  0 [X1]\Digital inputs\Channel2\ 10.2 [X1]\Digital inputs\Channel2\ 0  0 [X1]\Digital inputs\Channel2\ 0  0 [X1]\Digital inputs\Channel3\ 0  0 [X1]\Digital inputs\Channel3\ 0 0 [X1]\Digital inputs\Channel3\ 0 0 [X1]\Digital inputs\Channel3\ 0 0 [X1]\Digital inputs\Channel3\ 0 0 [X1]\Digital inputs\Channel3\	eEvent Falling edge0 Input filters RidPrefixRisingEdg- eEvent Rising edge1 RidPrefixFallingEdg- eEvent Falling edge1 Input filters RidPrefixRisingEdg- eEvent Rising edge2 RidPrefixFallingEdg- eEvent Falling edge2 Input filters RidPrefixRisingEdg- eEvent Falling edge2 Input filters RidPrefixRisingEdg- eEvent Falling edge2 RidPrefixRisingEdg- eEvent Rising edge3 RidPrefixFallingEdg-	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	Enable pulse catch  Event name:  Event name:  Enable pulse catch  Event name:  Event name:	O
etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt: ROFINET interface [ hable falling edge etection ardware interrupt: ROFINET interface [ hannel address ROFINET interface [ hable rising edge etection ardware interrupt: ROFINET interface [ hable rising edge etection ardware interrupt:	0 [X1]\Digital inputs\Channel1  0.1  X1]\Digital inputs\Channel1\  0  0 [X1]\Digital inputs\Channel1\  0  0 [X1]\Digital inputs\Channel2\   0.2  X1]\Digital inputs\Channel2\  0  0 [X1]\Digital inputs\Channel2\  0  0 [X1]\Digital inputs\Channel3\  0  X1]\Digital inputs\Channel3\  0	eEvent Falling edge0 Input filters RidPrefixRisingEdg- eEvent Rising edge1 RidPrefixFallingEdg- eEvent Falling edge1 Input filters RidPrefixRisingEdg- eEvent Rising edge2 RidPrefixFallingEdg- eEvent Falling edge2 Input filters RidPrefixRisingEdg- eEvent Falling edge2 Input filters RidPrefixRisingEdg- eEvent Falling edge2 RidPrefixRisingEdg- eEvent Rising edge3 RidPrefixFallingEdg- eEvent	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	Enable pulse catch Event name:  Event name:  Enable pulse catch Event name:  Event name:  Event name:	
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Automation Porta	ıl				
	[X1]\Digital inputs\Channel4\				
nable rising edge etection	0	RidPrefixRisingEdg- eEvent	49156	Event name:	0
ardware interrupt:		Rising edge4	Rising edge4		
	[X1]\Digital inputs\Channel4\	Did Due fire Falling of day	40204	F	0
nable falling edge etection	U	RidPrefixFallingEdg- eEvent	49284	Event name:	0
ardware interrupt:		Falling edge4	Falling edge4		
ROFINET interface   nannel address	X1]\Digital inputs\Channel5	Input filters	6.4 millisec	Enable pulse catch	0
	[X1]\Digital inputs\Channel5\	input inters	0.4 millisec	Eliable puise catcii	O
nable rising edge		RidPrefixRisingEdg-	49157	Event name:	0
etection ardware interrupt:	0	eEvent Rising edge5	Rising edge5		
ROFINET interface	X1]\Digital inputs\Channel5\	mining cages	inising cages		
nable falling edge	0	RidPrefixFallingEdg- eEvent	49285	Event name:	0
ardware interrupt:	0	Falling edge5	Falling edge5		
	X1]\Digital inputs\Channel6				
nannel address	0.6  X1]\Digital inputs\Channel6\	Input filters	6.4 millisec	Enable pulse catch	0
nable rising edge		RidPrefixRisingEdg-	49158	Event name:	0
tection		eEvent			
ardware interrupt:	0 [X1]\Digital inputs\Channel6\	Rising edge6	Rising edge6		
nable falling edge		RidPrefixFallingEdg-	49286	Event name:	0
etection		eEvent			
ardware interrupt: OFINET interface l	0 [X1]\Digital inputs\Channel7	Falling edge6	Falling edge6		
nannel address	10.7	Input filters	6.4 millisec	Enable pulse catch	0
	X1]\Digital inputs\Channel7\				-
nable rising edge etection	0	RidPrefixRisingEdg- eEvent	49159	Event name:	0
ardware interrupt:	I .	Rising edge7	Rising edge7		
	[X1]\Digital inputs\Channel7\	D' 1D (' E II' E I	10207	<b>-</b>	
nable falling edge	0	RidPrefixFallingEdg- eEvent	49287	Event name:	0
ardware interrupt:		Falling edge7	Falling edge7		
	[X1]\Analog inputs\Noise reduction				
tegration time OFINET interface l	50 Hz (20 ms)  X1]\Analog inputs\Channel0				
nannel address	IW64	Measurement type	Voltage	Voltage range	010 V
noothing	Weak (4 cycles)			Enable overflow di-	1
OCINICT interface I				agnostics	
(OFINE) interface i	X1I\Analog inputs\Channel1				
nannel address	[X1]\Analog inputs\Channel1  W66	Measurement type	Voltage	Voltage range	010 V
nannel address moothing		Measurement type	Voltage	Enable overflow di-	010 V
nannel address noothing	IW66	Measurement type	Voltage		
nannel address moothing ROFINET interface   eaction to CPU	IW66 Weak (4 cycles)	Measurement type	Voltage	Enable overflow di-	
nannel address moothing ROFINET interface   eaction to CPU TOP	IW66 Weak (4 cycles)  X1]\Digital outputs Use substitute value	Measurement type	Voltage	Enable overflow di-	
nannel address moothing ROFINET interface   eaction to CPU FOP ROFINET interface	IW66 Weak (4 cycles) X1]\Digital outputs	Substitute a value	Voltage	Enable overflow di-	
nannel address moothing ROFINET interface   eaction to CPU FOP ROFINET interface	IW66 Weak (4 cycles)  X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0	Substitute a value of 1 on a change		Enable overflow di-	
nannel address moothing ROFINET interface   eaction to CPU FOP ROFINET interface   nannel address	IW66 Weak (4 cycles)  X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0	Substitute a value		Enable overflow di-	
nannel address noothing  ROFINET interface   eaction to CPU TOP ROFINET interface   nannel address	IW66 Weak (4 cycles)  X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0  Q0.0	Substitute a value of 1 on a change from RUN to STOP.		Enable overflow di-	
nannel address noothing  COFINET interface   eaction to CPU COP COFINET interface   nannel address	IW66 Weak (4 cycles)  X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1	Substitute a value of 1 on a change from RUN to STOP.	0	Enable overflow di-	
nannel address noothing  OFINET interface   eaction to CPU OP OFINET interface   nannel address  OFINET interface   nannel address	IW66 Weak (4 cycles)  X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1 Q0.1  X1]\Digital outputs\Channel2	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	Enable overflow di-	
nannel address noothing  COFINET interface   eaction to CPU OP COFINET interface   nannel address  COFINET interface   nannel address	IW66 Weak (4 cycles)  X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1 Q0.1	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	0	Enable overflow di-	
nannel address noothing  COFINET interface   eaction to CPU COP COFINET interface   nannel address  COFINET interface   nannel address	IW66 Weak (4 cycles)  X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1 Q0.1  X1]\Digital outputs\Channel2 Q0.2	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	Enable overflow di-	
nannel address moothing  ROFINET interface   eaction to CPU TOP ROFINET interface   nannel address  ROFINET interface   nannel address	IW66 Weak (4 cycles)  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	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	Enable overflow di-	
nannel address noothing  COFINET interface   eaction to CPU OP COFINET interface   nannel address  COFINET interface   nannel address	IW66 Weak (4 cycles)  X1]\Digital outputs Use substitute value  X1]\Digital outputs\Channel0 Q0.0  X1]\Digital outputs\Channel1 Q0.1  X1]\Digital outputs\Channel2 Q0.2	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	Enable overflow di-	
nannel address noothing  COFINET interface   Paction to CPU TOP COFINET interface   Pannel address  COFINET interface   Pannel address  COFINET interface   Pannel address	IW66 Weak (4 cycles)  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	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	Enable overflow di-	
annel address noothing  COFINET interface   Eaction to CPU COP COFINET interface   Eannel address  COFINET interface   Eannel address  COFINET interface   Eannel address  COFINET interface   Eannel address	IW66 Weak (4 cycles)  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	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	Enable overflow di-	
annel address noothing  OFINET interface   action to CPU OP OFINET interface   annel address  OFINET interface   annel address  OFINET interface   annel address  OFINET interface   annel address	IW66 Weak (4 cycles)  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	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	Enable overflow di-	
nannel address noothing  ROFINET interface   eaction to CPU TOP ROFINET interface   nannel address ROFINET interface   nannel address ROFINET interface   nannel address ROFINET interface   nannel address	IW66 Weak (4 cycles)  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	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	Enable overflow di-	
annel address noothing  COFINET interface   eaction to CPU OP COFINET interface   nannel address  COFINET interface   nannel address  COFINET interface   nannel address  COFINET interface   nannel address	IW66 Weak (4 cycles)  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	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	Enable overflow di-	
annel address noothing  COFINET interface   eaction to CPU OP COFINET interface   nannel address  COFINET interface   nannel address  COFINET interface   nannel address  COFINET interface   nannel address	IW66 Weak (4 cycles)  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\Channel4	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	Enable overflow di-	
annel address noothing  ROFINET interface   eaction to CPU TOP ROFINET interface   nannel address	IW66 Weak (4 cycles)  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	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	Enable overflow di-	
annel address noothing  COFINET interface   CO	IW66 Weak (4 cycles)  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	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	Enable overflow di-	
annel address noothing  OFINET interface   action to CPU OP OFINET interface   annel address	IW66 Weak (4 cycles)  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	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	Enable overflow diagnostics	
annel address noothing  OFINET interface   action to CPU OP OFINET interface   annel address	IW66 Weak (4 cycles)  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	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.  Substitute a value of 1 on a change from RUN to STOP.	0	Enable overflow diagnostics  Device number	0
annel address noothing  COFINET interface   CO	IW66 Weak (4 cycles)  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	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	Enable overflow diagnostics	0
annel address moothing  COFINET interface   eaction to CPU TOP COFINET interface   mannel address	IW66 Weak (4 cycles)  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 Q1.5  X1]\Operating mode True False X1]\I/O addresses\Input addresses 0 0 X1]\I/O addresses\Output addresses	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.  Substitute a value of 1 on a change from RUN to STOP.  IO system  End address	0	Device number  Organization block	0
ROFINET interface   nannel address moothing ROFINET interface   nannel address ROFINET interface   nant address rocess image ROFINET interface   nart address rocess image ROFINET interface   nart address	IW66 Weak (4 cycles)  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 Q1.5	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.  Substitute a value of 1 on a change from RUN to STOP.  IO system  End address	0	Enable overflow diagnostics  Device number	0
nannel address moothing  ROFINET interface   eaction to CPU FOP ROFINET interface   nannel address  ROFINET interface   nant address  rocess image ROFINET interface   nart address rocess image ROFINET interface   nart address rocess image ROFINET interface   nart address rocess image	IW66 Weak (4 cycles)  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	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.  Substitute a value of 1 on a change from RUN to STOP.  IO system  End address  End address	0	Device number  Organization block	0
nannel address moothing  ROFINET interface   eaction to CPU TOP ROFINET interface   hannel address  ROFINET interface   hart address	IW66 Weak (4 cycles)  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 Q1.5	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.  Substitute a value of 1 on a change from RUN to STOP.  IO system  End address  End address  Permit overwriting	0	Device number  Organization block	0
ROFINET interface   Controller Co	IW66 Weak (4 cycles)  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 X1]\I/O addresses\Output addresses	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 0	Device number  Organization block  Organization block	0
annel address moothing  ROFINET interface   eaction to CPU TOP ROFINET interface   mannel address  ROFINET interface   mant address	IW66 Weak (4 cycles)  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 X1]\I/O addresses\Output addresses	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.  Substitute a value of 1 on a change from RUN to STOP.  IO system  End address  End address  Permit overwriting	0 0 0 0	Device number  Organization block  Organization block	0
annel address noothing  OFINET interface   action to CPU OP OFINET interface   annel address  OFINET interface   art address  ocess image	IW66   Weak (4 cycles)     X1]\Digital outputs   Use substitute value     X1]\Digital outputs\Channel0     Q0.0     X1]\Digital outputs\Channel1     Q0.1     X1]\Digital outputs\Channel3     Q0.2     X1]\Digital outputs\Channel4     Q0.4     X1]\Digital outputs\Channel5     Q0.5     Q0.5     X1]\Digital outputs\Channel5     Q0.5     Q0.5     X1]\Digital outputs\Channel5     Q0.5     Q0	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 all assigned IO devi-	0 0 0 0	Device number  Organization block  Organization block	0

Totally Integrated Automation Porta						
PROFINET interface	[X1]\Advar	nced options\Real time se	attings\IO communica	tion		
Send clock:	1.000ms	iced options(kear time se	ettings (10 communica	tion		
		nced options\Real time se	ttings\Real time option	ons		
Calculated band- width for cyclic IO	0.000ms					
data: PROFINET interface l	[X1]\Advar	nced options\Port [X1 P1]	\General			
Name	Port_1		Author	AA_LAB7	Comment	
	_	nced options\Port [X1 P1]				
Local port:	[X1]\Port_	DFINET interface_1 1 [X1 P1]	Medium:	Copper	Cable name:	
			West calls	o.		
			0			
			: <u>0</u>			
PROFINET interface	X1]\Advar	nced options\Port [X1 P1]	\Port interconnection	\Partner port:		
	Monitorin	g of partner port is not	Alternative partners		Partner port:	CSM 1277_1\SCALANCE interface
Medium:	possible Copper		Cable length:			[X1]\Port_2 [X1 P2]
		nced options\Port [X1 P1]				
Activate this port for			·			
use PROFINET interface l	[X1]\Advar	nced options\Port [X1 P1]	\Port options\Connect	tion		
Transmission rate /		•	Monitor	False	Enable autonegotia-	True
duplex:	[Y1]\	nced options\Port [X1 P1]	\Port ontions\Pound	rios	tion	
End of detection of		icea options(Fort [XTP1]	End of topology dis-		End of the sync do-	False
accessible devices			covery		main	
PROFINET interface   Hardware identifier		nced options\Port [X1 P1]	\Hardware identifier\I	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	riaidware identifier	O <del>T</del>		
Enable this high speed counter	0					
•	(HSC)\HSC	C1\General\Project inform	nation			
Name	HSC_1	·	Comment			
High speed counters Type of counting	Count	C1\Function	Operating phase	Single phase		
Counting direction		ram (internal direction	Initial counting di-	Count up		
is specified by	control)		rection	·		
Frequency measur- ing period	-/-sec					
		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		
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.AddressString	Adapter name the user control should use for the SpeedAndSourceDisplay	HscChannel.SpeedAndSourceDis- play
Adapter name the user control should use for the Output Source	HscChann	el.OutputSource	<u>9</u>	I	J MJO GI CEDISPIRY	I

Automation Porta	nl				
igh speed counters	(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		II .	play
		use for the address		use for the Spee-	
	11. 61. 10. 15	string		dAndSourceDisplay	
dapter name the ser control should	HscChannel.OutputSource				
e for the Output					
urce					
gh speed counters	(HSC)\HSC1\Hardware inputs\				
set input		HSCInput2_Status	1	Clock generator in-	
		A.I t th	LL. Ch. a. LAdda as Chica	put	LL. Ch. and Co. alfander a D'
rection input		Adapter name the user control should	HscChannel.AddressString	Adapter name the user control should	HscChannel.SpeedAndSourceDi
		use for the address		use for the Spee-	Pray
		string		dAndSourceDisplay	
dapter name the	HscChannel.OutputSource				
er control should					
e for the Output urce					
	(HSC)\HSC1\I/O addresses\Input a	addresses			
art address	1000	End address	1003	Organization block	0
cess image	0			<u> </u>	
h speed counters	(HSC)\HSC1\Hardware identifier	Hardware identifier			
rdware identifier	257				
gh speed counters	(HSC)\HSC2\General\Enable				
able this high	0				
eed counter	(1100)\1100010				
	G (HSC)\HSC2\General\Project info				
me	HSC_2 (HSC)\HSC2\Function	Comment			
gn speed counters pe of counting	Count	Operating phase	Single phase		
unting direction	User program (internal direction	Initial counting di-	Count up		
specified by	control)	rection	, <del>F</del>		
equency measur-	-/-sec				
g period					
-	(HSC)\HSC2\Reset to initial value				
tial counter value	0	Initial reference val-	0		
		ue			
	(HSC)\HSC2\Reset to initial value		1.		
se external reset		s\Reset options Reset signal level	- -		
se external reset put	0	Reset signal level	-1-		
se external reset put gh speed counters	0 (HSC)\HSC2\Event configuration	Reset signal level			la .
se external reset put igh speed counters enerate interrupt	0 (HSC)\HSC2\Event configuration	Reset signal level		Event name:	0
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se external reset put gh speed counters enerate interrupt r counter value quals reference ilue event. ardware interrupt:	0 s (HSC)\HSC2\Event configuration\ 0 0	Reset signal level  RidPrefixCvEqualsPv  Counter value equal to reference value1	49152  Counter value equal to reference value1		
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se external reset put igh speed counters enerate interrupt or counter value quals reference alue event. ardware interrupt or external reset or external rese	(HSC)\HSC2\Event configuration  (HSC)\HSC2\Event configuration  (HSC)\HSC2\Event configuration  (HSC)\HSC2\Event configuration  (HSC)\HSC2\Event configuration  (HSC)\HSC2\Event configuration	Reset signal level  RidPrefixCvEqualsPv  Counter value equal to reference value1 EventPriority  RidPrefixExternalReset  External reset1 EventPriority  RidPrefixDirection-Change  Change of direction1	Counter value equal to reference value1 6 49408  External reset1 6 49280  Change of direction1	ValueNull  Event name:  ValueNull  Event name:	0
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Totally Integrated Automation Porta					
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
	(HSC)\HSC2\I/O addresses\Input ac	ldresses			
Start address	1004	End address	1007	Organization block	0
Process image	0				
	(HSC)\HSC2\Hardware identifier\H	ardware identifier			
Hardware identifier					
	(HSC)\HSC3\General\Enable				
Enable this high speed counter	O				
•	(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	1		
ng period	, 555				
	(HSC)\HSC3\Reset to initial values				
nitial counter value	0	Initial reference val-	0		
ligh speed counters	(HSC)\HSC3\Reset to initial values	ue Reset ontions			
Jse external reset		Reset signal level	-/-		
nput		J			
	(HSC)\HSC3\Event configuration\		10450	-	
Generate interrupt for counter value	U	RidPrefixCvEqualsPv	49152	Event name:	0
or counter value equals reference					
value event.					
Hardware interrupt:	0		Counter value equal to reference	ValueNull	0
/alueNull	0	to reference value2	1		
	0 (HSC)\HSC3\Event configuration\	EventPriority	6		
Generate interrupt		RidPrefixExternalRe-	49408	Event name:	0
or external reset		set			
event.					
Hardware interrupt: /alueNull	0	External reset2	External reset2	ValueNull	0
	U (HSC)\HSC3\Event configuration\	EventPriority	6		
Generate interrupt		RidPrefixDirection-	49280	Event name:	0
or change of direc-		Change	13200	Lvent name.	
ion event.		_			
Hardware interrupt:	0	Change of direc- tion2	Change of direction2	ValueNull	0
/alueNull	0	EventPriority	6		
	(HSC)\HSC3\Hardware inputs\	Evena noney			
Clock generator in-		HSCInput0_Status	1	Direction input	
out					
Reset input		Adapter name the user control should	HscChannel.AddressString	Adapter name the user control should	HscChannel.SpeedAndSourceDisplay
		use for the address		use for the Spee-	pray
		string		dAndSourceDisplay	
Adapter name the user control should	HscChannel.OutputSource				
user control should use for the Output					
Source					
	(HSC)\HSC3\Hardware inputs\				
Direction input		HSCInput1_Status	1	Clock generator in-	
Reset input		Adapter name the	HscChannel.AddressString	put Adapter name the	HscChannel.SpeedAndSourceDis-
reset iliput		user control should	riscerialitiei. Address stillig	user control should	play
		use for the address		use for the Spee-	
N. I	He Chan I O to to	string		dAndSourceDisplay	
Adapter name the user control should	HscChannel.OutputSource				
use for the Output					
Source	(1155)111553111				
	(HSC)\HSC3\Hardware inputs\	HSCInput2_Status	1	Clock generater in	
Reset input		niscmputz_Status		Clock generator in- put	,
Direction input		Adapter name the	HscChannel.AddressString	Adapter name the	HscChannel.SpeedAndSourceDis-
-		user control should		user control should	play
		use for the address string		use for the Spee- dAndSourceDisplay	
Adapter name the	HscChannel.OutputSource	·	1	: a. :02/3p/dy	1
user control should	·				
use for the Output Source					
	 	ldresses			
Start address	1008	End address	1011	Organization block	0
rocess image	0		·		·
	(HSC)\HSC3\Hardware identifier\H	ardware identifier			
lardware identifier					
High speed counters Enable this high	(HSC)\HSC4\General\Enable				
enable this high speed counter	U				
•	: (HSC)\HSC4\General\Project inform	nation			
Name	HSC_4	Comment			
	(HSC)\HSC4\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		
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roduonay moscur	Loos	]			
g period	-/-sec				
ign speed counters litial counter value	s (HSC)\HSC4\Reset to initial values 0	Initial reference val-	0		
igh speed counters	   (HSC)\HSC4\Reset to initial values	ue Reset options			
se external reset iput	0	Reset signal level	-1-		
•	(HSC)\HSC4\Event configuration\	RidPrefixCvEqualsPv	40152	Event name:	0
or counter value		Marienacvequaisrv	77132	Event name.	
equals reference value event.					
lardware interrupt:	0	Counter value equal to reference value3	Counter value equal to reference value3	ValueNull	0
	0 (HSC)\HSC4\Event configuration\	EventPriority	6		
Generate interrupt	=	RidPrefixExternalRe-	49408	Event name:	0
or external reset event.		set			
lardware interrupt: /alueNull	0	External reset3 EventPriority	External reset3	ValueNull	0
ligh speed counters	(HSC)\HSC4\Event configuration\				I-
Generate interrupt or change of direc-	0	RidPrefixDirection- Change	49280	Event name:	0
ion event. lardware interrupt:	0	Change of direc-	Change of direction3	ValueNull	0
	0	tion3 EventPriority	6		
ligh speed counters	(HSC)\HSC4\Hardware inputs\		<b>-</b>		
Clock generator in- out		HSCInput0_Status	1	Direction input	
Reset input		Adapter name the user control should use for the address string	HscChannel.AddressString	Adapter name the user control should use for the SpeedAndSourceDisplay	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource			J	
ligh speed counters	(HSC)\HSC4\Hardware inputs\				
Pirection 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 SpeedAndSourceDisplay	HscChannel.SpeedAndSourceDisplay
Adapter name the user control should use for the Output Source	HscChannel.OutputSource				
	s (HSC)\HSC4\Hardware inputs\	USCInnut2 Status	1	Clark ways yets yin	
Reset input		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 SpeedAndSourceDisplay	HscChannel.SpeedAndSourceDisplay
	HscChannel.OutputSource				
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iser control should ise for the Output Jource High speed counters Start address Process image High speed counters	1012 0 s (HSC)\HSC4\Hardware identifier\H	End address	1015	Organization block	0
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ser control should se for the Output ource ligh speed counters tart address rocess image ligh speed counters lardware identifier ligh speed counters nable this high peed counter	1012 0 s (HSC)\HSC4\Hardware identifier\H 260 s (HSC)\HSC5\General\Enable 0	End address ardware identifier	1015	Organization block	0
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iser control should use for the Output iource High speed counters itart address Process image High speed counters Hardware identifier High speed counters inable this high peed counters High speed counters High speed counters in speed counting in speed counting in specified by	1012 0 s (HSC)\HSC4\Hardware identifier\H 260 s (HSC)\HSC5\General\Enable 0 s (HSC)\HSC5\General\Project inform HSC_5 s (HSC)\HSC5\Function Count User program (internal direction control)	End address  ardware identifier  nation  Comment  Operating phase	Single phase Count up	Organization block	0
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Automation Porta					
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ut		HSCInput0_Status	I	Direction input	
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•				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 Spee- dAndSourceDisplay	HscChannel.SpeedAndSourceDisplay
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		tus S- Adapter name the		user control should use for the address string	
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use for the SpeedandSourceDisplay Pulse generators (PT PulseOutput2_Status  Adapter name the user control should use for the SpeedandSourceDisplay Pulse generators (PT Start address Process image Pulse generators (PT Hardware identifier Pulse generators (PT Enable this pulse generator Pulse generators (PT Start address Process image Pulse generators (PT Start address Process image Pulse generators (PT Start address Pulse generators (PT Start address Pulse generators (PT Start address Pulse generators (PT Signal type Cycle time	PulseChannel.SpeedAndSourceDiplay  PulseChannel.SpeedAndSourceDiplay  FO/PWM)\PTO1/PWM1\I/O address 1000 0 FO/PWM)\PTO1/PWM1\Hardware 265 FO/PWM)\PTO2/PWM2\General\Er 0 FO/PWM)\PTO2/PWM2\General\Pr Pulse_2 FO/PWM)\PTO2/PWM2\Parameter PWM 100ms	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  identifier\Hardware ide  oject information Comment assignment\Pulse optic Time base:  Initial pulse duration	1001 ntifier	user control should use for the address string  Organization block  Pulse duration for-	0
Pulse generators (PT Pulse generators (PT PulseOutput2_Status  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse generators (PT P	PulseChannel.SpeedAndSourceDiplay  FO/PWM)\PTO1/PWM1\I/O address 1000 0 FO/PWM)\PTO1/PWM1\I/O address 1000 0 FO/PWM)\PTO2/PWM2\General\Er 0 FO/PWM)\PTO2/PWM2\General\Pr Pulse_2 FO/PWM)\PTO2/PWM2\Parameter PWM	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  identifier\Hardware ide  oject information Comment assignment\Pulse optic Time base:  Initial pulse duration	ntifier  ntifier  ns Milliseconds	user control should use for the address string  Organization block  Pulse duration for-	0
use for the SpeedAndSourceDisplay Pulse generators (PT PulseOutput2_Status  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse generators (PT Start address Process image Pulse generators (PT Hardware identifier Pulse generators (PT Enable this pulse generator Pulse generators (PT Signal type  Cycle time  Pulse generators (PT Cycle time  Pulse generators (PT Cycle time  Pulse generators (PT Cycle time	PulseChannel.SpeedAndSourceDiplay  FO/PWM)\PTO1/PWM1\I/O address 1000 0 FO/PWM)\PTO1/PWM1\I/O address 265 FO/PWM)\PTO2/PWM2\General\Er 0 FO/PWM)\PTO2/PWM2\General\Pr Pulse_2 FO/PWM)\PTO2/PWM2\Parameter PWM 100ms FO/PWM)\PTO2/PWM2\Hardware	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  identifier\Hardware ide  oject information Comment assignment\Pulse optic Time base:  Initial pulse duration outputs	ntifier  ntifier  ns Milliseconds	user control should use for the address string  Organization block  Pulse duration format  Adapter name the user control should	0
use for the SpeedAndSourceDisplay Pulse generators (PT PulseOutput2_Status  Adapter name the user control should use for the SpeedAndSourceDisplay Pulse generators (PT Start address Process image Pulse generators (PT Hardware identifier Pulse generators (PT Enable this pulse generators (PT Enable this pulse generators (PT Start address Pulse generators (PT Coulse generato	PulseChannel.SpeedAndSourceDiplay  FO/PWM)\PTO1/PWM1\I/O address 1000 0 FO/PWM)\PTO1/PWM1\I/O address 265 FO/PWM)\PTO2/PWM2\General\Er 0 FO/PWM)\PTO2/PWM2\General\Er Pulse_2 FO/PWM)\PTO2/PWM2\Parameter PWM 100ms FO/PWM)\PTO2/PWM2\Hardware	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  identifier\Hardware ide  oject information Comment assignment\Pulse optic Time base: Initial pulse duration outputs  pulseOutput1_Status	ntifier  ntifier  ns Milliseconds	user control should use for the address string  Organization block  Pulse duration format  Adapter name the	0 Hundredths

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 stputs			
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	Julia	
	 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				

	150ms					Enable min cle time fo OBs	nimum cy- 0 or cyclic	
linimum cycle time						020		
ommunication load ycle load due to	20%							
ommunication ystem and clock m	emorv\Svstem	memory bits						
nable the use of ystem memory	0	<b>,</b>	Address of system memory byte (MB			First cycle		
yte Piagnostic status			Always 1 (high)	,		Always 0 (	low)	
hanged	VCI I	1	Always I (Iligii)			Aiways o (	1011)	
ystem and clock monable the use of	0	emory bits	Address of clock	0		10 Hz cloc	k	
lock memory byte Hz clock			memory byte (MB 2.5 Hz clock	(x)		2 Hz clock		
.25 Hz clock			1 Hz clock			0.625 Hz c		
.5 Hz clock Veb server\General								
ctivate Web server n all modules of	False		Permit access only with HTTPS	<b>y</b> True				
his device	tie wedete							
Veb server\Automa nable automatic	True		Update interval	Os				
pdate ime of day\Local tir	me							
ime zone		Berlin, Bern, Brussels	5,					
ime of day\Dayligh		mii, vieiliid						
activate daylight aving time	1		Difference between standard and day- light saving time					
ime of day\Dayligh		tart of daylight sav		Sunday		of	March	
nonth:	01:00 a.m.							
ime of day\Dayligh	t saving time\S	tart of standard tin	1e	Conde		of	October	
t	02:00 a.m.			Sunday		ОТ	October	
Protection evel of protection	No protection							
Protection\Connection	•	s						
Permit access with PUT/GET communication from remote partner (PLC, HMI, DPC,)	False							
Configuration control Allow to reconfigure the device via the		n control for centra	l configuration					
ıser program								
Anchor (Addresses)	)verview/Manu			True		Address ga	aps False	
Anchor (AddressesOnputs	True		Outputs					
nputs lot	True True			, mac			, u.sc	
nputs Slot Anchor (AddressesO Type A	True True OverviewMenu) oddr. from	\Overview of addre	esses Module	PIP	DP	PN	Rack	Slot
nputs lot anchor (AddressesO ype A	True True OverviewMenu) ddr. from	NOverview of address Addr. to	Module DI 8/DQ 6_1	PIP None	DP -	,,	Rack 0	1 1
nputs Flot Anchor (AddressesO  ype  0 6	True True  OverviewMenu)  ddr. from  4 000	Addr. to 0 67 1003	Module DI 8/DQ 6_1 AI 2_1 HSC_1	PIP None None None	DP - - -	,,	Rack 0 0	1 1 1 2 1 16
nputs Slot Anchor (AddressesO ype A 6 1	True True OverviewMenu) ddr. from  4 000 004	Addr. to 0 67 1003	Module DI 8/DQ 6_1 AI 2_1 HSC_1 HSC_2	PIP None None None None	DP	,,	Rack 0 0 0	1 1 1 2 1 16 1 17
nputs Slot Anchor (AddressesO Type A 6 1 1	True True  OverviewMenu)  ddr. from  4 000	Addr. to 0 67 1003	Module DI 8/DQ 6_1 AI 2_1 HSC_1	PIP None None None	DP	,,	Rack 0 0	1 1 1 2 1 16
nputs Slot Anchor (AddressesO) Type A 0 6 1 1 1 1	True True  OverviewMenu)  ddr. from  4  000  004  008  012  016	Addr. to  0  67  1003  1007  1011  1015  1019	Module DI 8/DQ 6_1 AI 2_1 HSC_1 HSC_2 HSC_3 HSC_4 HSC_5	PIP None None None None None None None None	DP	,,	Rack 0 0 0 0 0 0 0 0	1 1 1 2 1 16 1 17 1 18 1 19 1 20
nputs Slot Anchor (AddressesO  ype A  6  1  1  1	True True  DverviewMenu)  ddr. from  4  000  004  008  012  016  020	Addr. to 0 67 1003 1007 1011 1015 1019 1023	Module DI 8/DQ 6_1 AI 2_1 HSC_1 HSC_2 HSC_3 HSC_4 HSC_5 HSC_6	PIP None None None None None None None None	DP	,,	Rack 0 0 0 0 0 0 0	1 1 1 2 1 16 1 17 1 18 1 19 1 20 1 21
nputs ilot Inchor (AddressesO  ype  0 6 1 1 1 1 1 9 0 0 0 0	True True OverviewMenu) ddr. from  4 000 004 008 012 016 020	Addr. to  0  67  1003  1007  1011  1015  1019  1023  103  0	Module DI 8/DQ 6_1 AI 2_1 HSC_1 HSC_2 HSC_3 HSC_4 HSC_5 HSC_6 AI 4xRTD_1 DI 8/DQ 6_1	PIP None None None None None None None None	DP	,,	Rack 0 0 0 0 0 0 0 0 0 0 0	1 1 1 2 1 16 1 17 1 18 1 19 1 20 1 21 2
nputs  Slot Anchor (AddressesO)  Type	True True OverviewMenu) ddr. from  4 000 004 008 012 016 020 6	Addr. to  0  67  1003  1007  1011  1015  1019  1023  103  0  1001	Module DI 8/DQ 6_1 AI 2_1 HSC_1 HSC_2 HSC_3 HSC_4 HSC_5 HSC_6 AI 4xRTD_1 DI 8/DQ 6_1 Pulse_1	PIP None None None None None None None None	DP	,,	Rack 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 2 1 16 1 17 1 18 1 19 1 20 1 21 2 1 1 1 32
nputs  lot  nchor (AddressesO  ype	True True OverviewMenu) ddr. from  4 000 004 008 012 016 020 6	Addr. to  0  67  1003  1007  1011  1015  1019  1023  103  0  1001  1003	Module DI 8/DQ 6_1 AI 2_1 HSC_1 HSC_2 HSC_3 HSC_4 HSC_5 HSC_6 AI 4xRTD_1 DI 8/DQ 6_1 Pulse_1 Pulse_2	PIP None None None None None None None None	DP	,,	Rack 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 2 1 16 1 17 1 18 1 19 1 20 1 21 2 1 1 1 32 1 33
nputs lot Inchor (AddressesOrype A	True True OverviewMenu) ddr. from  4 000 004 008 012 016 020 6	Addr. to  0  67  1003  1007  1011  1015  1019  1023  103  0  1001	Module DI 8/DQ 6_1 AI 2_1 HSC_1 HSC_2 HSC_3 HSC_4 HSC_5 HSC_6 AI 4xRTD_1 DI 8/DQ 6_1 Pulse_1	PIP None None None None None None None None	DP	,,	Rack 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 2 1 16 1 17 1 18 1 19 1 20 1 21 2 1 1 1 32

ILOD	1]								
Properti ral	es								
ering	Main automatic	Number	r 1		Туре	ОВ		Language	LAD
nation	"Main Program Sweep (Cy	- Author			Comment			Family	
on	cle)" 0.1	User-de	fined						
					Data type	De	fault value		
out Initial_C	Call				Bool				
Remane np	ence				Bool				
nstant									
ork 1:									
		Ī	%M0.1	%M0.0	%M0.2	%C	00.0 ed ON"		
		-	"gotow"	"start"	"awaria"		•d ON"		
		1							
ork 2:									
		1	%Q0.0 "naped ON"			%0	<b>Q0.1</b> aca"		
		-	"naped ON"				aca" <b>)</b>		

Totally Integrated Automation Portal		
Technology objec	C_1 [CPU 1212C AC/DC/Rly] ts	
This folder is empty.		

Totally Integrated Automation Portal						
cwiczenie0 / PL0	cwiczenie0 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC tags / Default tag table [36]					
PLC tags	PLC tags					

PLC tags					
	Name	Data type	Address	Retain	
-01	start	Bool	%M0.0	False	
<b>1</b>	gotow	Bool	%M0.1	False	
<b>ा</b>	awaria	Bool	%M0.2	False	
<b>ा</b> ।	stop	Bool	%M0.3	False	
<b>1</b>	naped ON	Bool	%Q0.0	False	
<b>(11)</b>	praca	Bool	%Q0.1	False	

Totally Integrated Automation Portal					
cwiczenie0 / PLC_1 [CPU 1212C AC/DC/Rly] / PLC tags / Default tag table [36] User constants					
User constants	Data to ma	Malina			
Name	Data type	Value			

Totally Integrated Automation Portal		
cwiczenie0 / PLC	C_1 [CPU 1212C AC/DC/Rly]	
PLC data types		
This folder is empty.		

Totally Integrated Automation Portal				
cwiczenie0 / PLO	C_1 [CPU 1212C AC/DC/Rly] / Wa	tch and force tables		
Name	Address	Display format	Force value	

Totally Integrated Automation Portal	
cwiczenie0 / PLC_1 [CPU 1212C AC/DC/Rly] / Traces Measurements	
This folder is empty.	

Totally Integrated Automation Portal		
cwiczenie0 / PLO	C_1 [CPU 1212C AC/DC/Rly]	
This folder is empty.		

Totally Integrated	
utomation Portal	

# cwiczenie0 / PLC\_1 [CPU 1212C AC/DC/Rly] / Local modules

## AI 4xRTD\_1

mation				
	Author	ΔΔ ΙΔΡ7	Comment	
_	Autiloi	AA_LAB/	Comment	
_				
	Description	Analog input module AIA v PTD	Article number	6ES7 231-5PD32-0XB0
	Description	Analog input module AI4 x KTD	Article number	0E37 231-3PD32-0XB0
	Commont			
_	Comment			
gnostics	A .ll			
uts\Noise reduction				
50 Hz (20 ms)				
uts\Channel0				
IW96	Measurement type	Thermal resistor (4-wire)	Thermal resistor	Pt 100 standard range
Pt 0.00385055 ohms/ohms/°C (DIN EN 60751)	Temperature scale	Celsius	Smoothing	Weak (4 cycles)
,	Enable broken wire diagnostics	0	Enable overflow diagnostics	1
1				
uts\Channel1				
IW98	Measurement type	Thermal resistor (4-wire)	Thermal resistor	Pt 100 standard range
Pt 0.00385055 ohms/ohms/°C (DIN EN 60751)	Temperature scale	Celsius	Smoothing	Weak (4 cycles)
	Enable broken wire diagnostics	0	Enable overflow diagnostics	1
1				
uts\Channel2				
IW100	Measurement type	Thermal resistor (4-wire)	Thermal resistor	Pt 100 standard range
Pt 0.00385055 ohms/ohms/°C (DIN EN 60751)	Temperature scale	Celsius	Smoothing	Weak (4 cycles)
	Enable broken wire diagnostics	0	Enable overflow diagnostics	1
1				
	Measurement type			Pt 100 standard range
Pt 0.00385055 ohms/ohms/°C (DIN EN 60751)	Temperature scale			Weak (4 cycles)
	Enable broken wire diagnostics	0	Enable overflow diagnostics	1
1				
es\Input addresses				
	End address	103	Organization block	0
96	Liiu uuuless	1		
96 0 dentifier\Hardware identifier	Eria addices	11.5-		
	All 4xRTD_1 2 rmation SM 1231 Al4 x RTD V2.0 rmation All 4xRTD_1 gnostics 1  uts\Noise reduction 50 Hz (20 ms) uts\Channel0 IW96 Pt 0.00385055 ohms/ohms/°C (DIN EN 60751)  1  uts\Channel1 IW98 Pt 0.00385055 ohms/ohms/°C (DIN EN 60751)  1  uts\Channel2 IW100 Pt 0.00385055 ohms/ohms/°C (DIN EN 60751)  1  uts\Channel3 IW102 Pt 0.00385055 ohms/ohms/°C (DIN EN 60751)	All 4xRTD_1 2 rmation  SM 1231 Al4 x RTD V2.0 rmation  Al 4xRTD_1  gnostics  1  Additional diagnostics may be selected for each input/output.  utst\Noise reduction 50 Hz (20 ms) uts\Channel0  IW96 Pt 0.00385055 ohms/ohms/°C (DIN EN 60751)  Enable broken wire diagnostics  1  uts\Channel1  IW98 Pt 0.00385055 ohms/ohms/°C (DIN EN 60751)  Enable broken wire diagnostics  1  uts\Channel2  IW100 Pt 0.00385055 ohms/ohms/°C (DIN EN 60751)  Enable broken wire diagnostics  1  uts\Channel2  IW100 Pt 0.00385055 ohms/ohms/°C (DIN EN 60751)  Enable broken wire diagnostics  1  uts\Channel2  IW100 Pt 0.00385055 ohms/ohms/°C (DIN EN 60751)  Enable broken wire diagnostics  1  uts\Channel3  IW102 Pt 0.00385055 ohms/ohms/°C (DIN EN 60751)  Enable broken wire diagnostics	Al 4xRTD_1 2	Author A_LAB7 Comment  Transition  SM 1231 Al4 x RTD Description Description Analog input module Al4 x RTD Article number  V2.0  Transition  Al 4xRTD_1 Comment gnostics  1 Additional diagnostics may be selected for each input output.  UtsiNoise reduction  50 Hz (20 ms)  UtsiChannel0  IN96 Measurement type Thermal resistor (4-wire) Thermal resistor  Fen 60751) Enable broken wire diagnostics  1 Thermal resistor (4-wire) Thermal resistor  Thermal resistor  Thermal resistor (4-wire) Thermal resistor  Thermal resistor  Thermal resistor (4-wire) Ther

bits; plug-in terminal blocks; out- put: #-I-IV and 0 to 20 mA; select- able diagnostics; selectable substi- tute value for output  AQ 2I/Project information Name AQ 2x14BIT_1 Comment  AQ 2I/Module diagnostics Enable power sup- ply diagnostics  Enable power sup- ply diagnostics  Additional diagnos- tics may be selected for each input/ output.  AQ 2I/Analog outputs/Channel0 Channel address W112 Analog output type Voltage Voltage range #-I-10 V Enable short circuit 1 diagnostics  AQ 2I/Analog outputs/Channel1 Channel address W12 Enable underflow diagnostics  AQ 2I/Analog outputs/Channel1 Channel address W14 Analog output type Voltage Voltage range #-I-10 V Enable outputs/Channel1 Channel address W114 Analog output type Voltage Voltage range #-I-10 V Enable outputs/Channel1 Channel address W14 Analog output type Voltage Voltage range #-I-10 V Enable outputs/Channel1 Channel address W14 Analog output type Voltage Voltage range #-I-10 V Enable outputs/Channel1 Channel address W15 Enable underflow diagnostics  AQ 2I/Analog outputs/Channel1 Channel address W15 Enable underflow diagnostics  AQ 2I/Analog outputs/Channel1 Channel address W15 Enable underflow diagnostics  AQ 2I/Analog outputs/Channel1 Channel address W15 Enable underflow diagnostics  AQ 2I/Analog outputs/Channel1 Channel address W15 Enable underflow diagnostics  AQ 2I/Analog outputs/Channel1 Channel address W15 Enable underflow diagnostics  AQ 2I/Analog outputs/Channel1 Channel address W15 Enable underflow diagnostics  Banalog output type Voltage Organization block Organ	Totally Integrated Automation Porta					
Author   AA_LAB7   Comment		PLC_1 [CPU 121	2C AC/DC/Rly] / Lo	cal modules		
Name AQ 2x14BIT_1 Author AA_LAB7 Comment  Slot 3  General(Catalog information  Short designation SM 1232 AQ2 Description Analog output module AQ2 x 14 bits; plug-in terminal blocks; output: #-110V and 0 to 20 mA; selectable diagnostics; selectable substitute value for output  Firmware version V2.0  AQ 2W20ject information  Name AQ 2x14BIT_1  AQ 2MAdule diagnostics  Enable power supply diagnostics  Enable power supply diagnostics  Enable outputs  Additional diagnostics may be selected for each input output.  AQ 2MAdule diagnostics  AQ 2MAdule diagnostics  Enable outputs  AD 2MAnalog outputs  Reaction to CPU Use substitute value  STOP  AQ 2MAdule outputs  Analog output type Voltage Voltage range #-1 10 V Substitute value for channel on a change from RUN to STOP  Enable overflow di- agnostics  AQ 2Manalog outputs (Channel)  Channel address Q W114 Analog output type Voltage Voltage range #-1 10 V Substitute value for 2.500V diagnostics  AQ 2Manalog outputs (Channel)  Channel address Q W114 Analog output type Voltage Voltage range #-1 10 V Substitute value for 2.500V diagnostics  AQ 2Manalog outputs (Channel)  Channel address Q W114 Analog output type Voltage Voltage range #-1 10 V Substitute value for 2.500V diagnostics  AQ 2Manalog outputs (Channel)  Channel address Q W114 Analog output type Voltage Voltage in a finable short circuit diagnostics  AQ 2Manalog outputs (Channel)  Channel address Q W114 Analog output type Voltage Voltage in a finable short circuit diagnostics  AQ 2Manalog outputs (Channel)  Channel address Q W114 Analog output type Voltage Voltage in a finable short circuit diagnostics  AQ 2Manalog outputs (Channel)  Channel address Q W114 Analog output type Voltage Voltage Voltage in a finable short circuit diagnostics  AQ 2Manalog outputs (Channel)  Channel address Q W114 Analog output type Voltage Voltage Voltage in a finable short circuit diagnostics  AQ 2Manalog outputs (Channel)  Channel Analog outputs (Channel)  Channel Analog output type Voltage Voltage Voltage Voltage In a finable voltage in	AQ 2x14BIT_1					
Side 3 SeneralCatalog information Short designation   SM 1232 AQ2   Description   Analog output module AQ2 x 14 bits; plug-in terminal blocks; output: #-110V and 0 to 20 mA; selectable substitute value for output    Firmware version   V2.0   AQ 2IProject information    Name   AQ 2x148IT_1   Comment    AQ 2VAndude diagnostics   Additional diagnostics and plug volume reach input output.    AQ 2VAnalog outputs    Reaction to CPU   Use substitute value    STOP   AQ 2VAnalog outputs    Channel address   QW112   Analog output type   Voltage   Voltage range   #/-10 V    Enable power flow diagnostics    Channel on a change from RUN to    STOP   Enable overflow diagnostics    AQ 2VAnalog outputs    Channel on a change from RUN to    Enable overflow diagnostics    AQ 2VAnalog outputs    Enable underflow diagnostics    Aldidional diagnostics    Analog output type   Voltage   Voltage range   #/-10 V    Enable soverflow diagnostics    AQ 2VAnalog outputs    Enable underflow diagnostics    ANALOG VORTICAL    Enable underflow diagnostics    Analog output type   Voltage   Voltage range   #/-10 V    Enable short circuit diagnostics    AD 2VAnalog outputs    Analog output type   Voltage   Voltage range   #/-10 V    Enable short circuit diagnostics    AD 2VAnalog outputs    Analog output type   Voltage   Voltage range   #/-10 V    Enable short circuit diagnostics    AD 2VAnalog outputs    Analog output type   Voltage   Voltage range   #/-10 V    Enable short circuit diagnostics    AD 2VAnalog outputs    Analog output type   Voltage   Voltage    Analog output type    Analog out	General\Project info	rmation				
Seneral (Catalog information   SM 1232 AQ2   Description   Analog output module AQ2 x 14   bits; plug-in terminal blocks; output. +I-TOV and 0 to 20 mA; selectable diagnostics; selectable substitute value for output    Firmware version   V2.0   AQ 2Project information   Name   AQ 2x14BIT_1   Comment   AQ 2Module diagnostics   Additional diagnostics mable power sup-lpy diagnostics   Steep the power sup-lpy diagnostics   Additional diagnostics may be selected for each input output.    AQ 2Manalog outputs (Channel Octave and output)   Analog output type   Voltage   Voltage range   +I-10 V    Enable short circuit diagnostics   Enable underflow diagnostics   Enable underflow diagnostics   Analog outputs (Channel address   QW112   Analog output type   Voltage   Voltage range   +I-10 V    Enable overflow diagnostics   Enable underflow diagnostics   Analog output type   Voltage   Voltage range   +I-10 V    Enable overflow diagnostics   Enable short circuit diagnostics   Analog output type   Voltage   Voltage range   +I-10 V    Enable overflow diagnostics   Enable short circuit diagnostics   Analog output type   Voltage   Voltage range   +I-10 V    Enable overflow diagnostics   Enable underflow diagnostics   Enable short circuit diagnostics   Analog output type   Voltage   Voltage range   +I-10 V    Enable overflow diagnostics   Enable underflow diagnostics   Enable short circuit diagnostics   Analog output type   Voltage   Voltage range   +I-10 V    Enable overflow diagnostics   Enable underflow diagnostics   Analog output type   Voltage   Analog output type   Corporation block   Analog output type   Analog			Author	AA_LAB7	Comment	
Short designation  SM 1232 AQ2  Description  Analog output module AQ2 x 14 bits; plug; in terminal blocks; out- put: #/10V and 0 to 20 mA; select- able diagnostics, selectable substi- tute value for output  AQ 2V1ABIT_1  Comment  AQ 2V1ABIT_1  Additional diagnos- tics may be selected for each input' output.  April Substitute value for OV1  Analog output type  Anal	Slot	3				
Short designation SM 1232 AQ2	General\Catalog info	ormation				
AQ 2N-project information Name   AQ 2x14BIT_1   Comment   AQ 2Module diagnostics  Enable power supply diagnostics    Additional diagnostics    Additional diagnostics    Additional diagnostics    AQ 2N-project information    Ad 2N-project information    Ad 2N-project information    Ad 2N-project information    Ad 2N-project information    Additional diagnostics    Additional diagnostics    Voltage range   +/-10 V    Enable short circuit    diagnostics    Analog output type   Voltage    Finable overflow diagnostics    Analog output type   Voltage    Finable overflow diagnostics    Analog output type   Voltage    Finable short circuit    diagnostics    Analog output type   Voltage    Finable short circuit    diagnostics    Analog output type   Project    Finable short circuit    diagnostics    Analog output type   Project    Analog output type    Analog output t	Short designation		Description	bits; plug-in terminal blocks; out- put: +/-10V and 0 to 20 mA; select- able diagnostics; selectable substi-	Article number	6ES7 232-4HB32-0XB0
Name   AQ 2x14BIT_1   Comment   AQ 2Module diagnostics   Enable power supply diagnostics    AQ 2Manlog outputs  AQ 2Manlog outputs Channel    Substitute value for channel on a change from RUN to STOP   Enable overflow diagnostics    AQ 2Manlog outputs Channel    Enable underflow diagnostics    AQ 2Manlog outputs Channel    Channel address    AQ 2Manlog outputs Channel    Enable underflow diagnostics    AQ 2Manlog outputs Channel    Channel address    AQ 2Manlog outputs Channel    Channel address    AQ 2Manlog outputs Channel    Enable underflow diagnostics    Enable short circuit diagnostics    AQ 2Manlog outputs Channel    Enable underflow diagnostics    AQ 2Manlog outputs Channel    Enable underflow diagnostics    AQ 2Manlog outputs Channel    AQ 2Manlog outputs Channel    Analog output type    Analog outp	Firmware version	V2.0				
AQ 2\text{Nodule diagnostics}   1	AQ 2\Project information	ation				
Enable power supply diagnostics  Additional diagnostics smay be selected for each input/ output.  AQ 2\text{Nanlog outputs}  Reaction to CPU STOP  AQ 2\text{Nanlog outputs} \text{Channel 0}  Channel address QW112	Name	AQ 2x14BIT_1	Comment			
ply diagnostics tics may be selected for each input/ output.  AQ 2/Analog outputs  Reaction to CPU STOP Use substitute value  STOP  AQ 2/Analog outputs/Channel0  Channel address QW112 Analog output type Voltage Voltage Inable short circuit diagnostics  SUBSTITUTE VOLTAGE IN THE PROPERTY OF THE PROPERT	AQ 2\Module diagno	ostics	"			
Reaction to CPU STOP  AQ 2\Analog outputs\Channel0  Channel address  QW112  Analog output type Voltage  Substitute value for channel on a change from RUN to STOP  Enable overflow diagnostics  AQ 2\Analog outputs\Channel1  Channel address  QW114  Analog output type Voltage  Enable underflow diagnostics  AQ 2\Analog outputs\Channel1  Channel address  QW114  Analog output type Voltage  Voltage range +/- 10 V  Enable short circuit diagnostics  AQ 2\Analog outputs\Channel1  Channel address  QW114  Analog output type Voltage  Fnable short circuit diagnostics  Analog output type Voltage  Enable short circuit diagnostics  AD 2\Alpha\Chanlel on a change from RUN to STOP  Enable overflow diagnostics  AQ 2\U0 addresses\Output addresses  Start address  112  End address  112  End address  115  Organization block  O  AQ 2\Hardware identifier\Hardware identifier		1	tics may be selected for each input/			
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agnostics   diagnostics    AQ 2\Analog outputs\Channel1  Channel address   QW114   Analog output type   Voltage   Voltage range   +/- 10 V    Substitute value for channel on a change from RUN to STOP    Enable overflow diagnostics   1   Enable underflow diagnostics    AQ 2\I/O addresses\Output addresses  Start address   112   End address   115   Organization block   0    AQ 2\IHardware identifier\Hardware identifier	channel on a change from RUN to					1
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agnostics diagnostics  AQ 2\I/O addresses\Output addresses  Start address 112 End address 115 Organization block 0  Process image 0  AQ 2\Hardware identifier\Hardware identifier	channel on a change from RUN to				III	1
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Hardware identifier   2/0	Hardware identifier	270				

Totally Integrated Automation Portal  CWICZENIEO  HMI_1 [KTP400 Basic PN]  HML_1  General  Name    HML_1
HMI_1 [KTP400 Basic PN]  HMI_1  General
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Name   HMI_1

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Totally Integrated Automation Porta					
avvice a pic 0 /	LIMI 1 [VTD400 Desi	a DNI			
	HMI_1 [KTP400 Basi	C PN]			
Runtime settir	ngs				
General					
Start screen	Screen_1	Default template		Default style of the project	
Style of the HMI de- vice	WinCC Dark V 1.0.1	Adapt font size to style	Checked	Screen resolution	480, 272
Project ID	0	Logging language	Startup language		
Screens	la ce		h		
Bit selection for text and graphic lists	Off	User-defined picto- gram size	Unchecked	X,Y:	64, 45
Keyboard					
Use screen key- board	Checked	Release button on exit	Unchecked	Disable dialog win- dow function keys	Unchecked
Alarms					
Controller alarms	5				
Buffer overflow	10 %	Acknowledgment group text	QGR	Use alarm class color	Unchecked
System event duration	2 Seconds	Connection	HMI_Connection_1	J.	
User administrati	ion		I	_	
Enable limit for log-	Checked	Invalid logon at-	3	Logon with pass-	Unchecked
on attempts Group-specific	Unchecked	tempts Password aging	Unchecked	word	90
rights Warning period	7	Password genera-	3	At least one special	Unchecked
At least one number	Unchecked	tions Minimum password	3	character	
		length			
Language & font					
Preset runtime langu	Jage:	English (USA)			
_ 11 1 4					
English (USA)	ct. 1 d	Fire d form 4	T 1	Defects from	T l
English (USA)  Runtime language Configured font 1	Checked	Fixed font 1	Tahoma	Default font	Tahoma, 11 Pixel
Runtime language Configured font 1	Checked	Fixed font 1	Tahoma	Default font	Tahoma, 11 Pixel
Runtime language Configured font 1 Tag settings Replace the separa-		Compatibility mode:		Replace the '.' char-	
Runtime language Configured font 1  Tag settings  Replace the separator on each sub-level of the path of the	Checked	Compatibility mode: Set'_' between the PLC tags and the		Replace the '.' character if the name of the HMI tag is cre-	
Runtime language Configured font 1  Tag settings  Replace the separator on each sub-level of the path of the PLC tag:	Checked	Compatibility mode: Set '_' between the PLC tags and the first-level element.	Unchecked	Replace the '.' character if the name of the HMI tag is created from the PLC tag name	Checked
Runtime language Configured font 1  Tag settings  Replace the separator on each sub-level of the path of the PLC tag:  Use '_' as the re-	Checked	Compatibility mode: Set'_' between the PLC tags and the	Unchecked	Replace the '.' character if the name of the HMI tag is created from the PLC tag name  Replace the characters '[' and ']' if the	Checked
Runtime language Configured font 1  Tag settings  Replace the separator on each sub-level of the path of the PLC tag:  Use '_' as the re-	Checked	Compatibility mode: Set '_' between the PLC tags and the first-level element. Use ';' as the re-	Unchecked	Replace the '.' character if the name of the HMI tag is created from the PLC tag name Replace the characters '[' and ']' if the name of the HMI tag is created from the	Checked
Runtime language Configured font 1  Tag settings  Replace the separator on each sub-level of the path of the PLC tag:  Use '_' as the replacement character  Use '{' and '}' as replacement charac-	Checked	Compatibility mode: Set '_' between the PLC tags and the first-level element.  Use ';' as the re- placement character  Use '(' and ')' as re- placement charac-	Unchecked	Replace the '.' character if the name of the HMI tag is created from the PLC tag name Replace the characters '[' and ']' if the name of the HMI tag is created from the PLC tag name	Checked
Runtime language Configured font 1  Tag settings  Replace the separator on each sub-level of the path of the PLC tag:  Use '_' as the replacement character  Use '{' and '}' as replacement charac-	Checked Checked Unchecked	Compatibility mode: Set '_' between the PLC tags and the first-level element.  Use ';' as the re- placement character  Use '(' and ')' as re-	Unchecked	Replace the '.' character if the name of the HMI tag is created from the PLC tag name Replace the characters '[' and ']' if the name of the HMI tag is created from the PLC tag name	Checked
Runtime language Configured font 1  Tag settings  Replace the separator on each sub-level of the path of the PLC tag:  Use '_' as the replacement character  Use '{' and '}' as replacement characters  PLC name as prefix	Checked Checked Unchecked	Compatibility mode: Set '_' between the PLC tags and the first-level element.  Use ';' as the re- placement character  Use '(' and ')' as re- placement charac-	Unchecked	Replace the '.' character if the name of the HMI tag is created from the PLC tag name Replace the characters '[' and ']' if the name of the HMI tag is created from the PLC tag name	Checked
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Runtime language Configured font 1  Tag settings  Replace the separator on each sub-level of the path of the PLC tag:  Use '_' as the replacement character  Use '{' and '}' as replacement characters  PLC name as prefix	Checked Checked Unchecked	Compatibility mode: Set '_' between the PLC tags and the first-level element.  Use ';' as the re- placement character  Use '(' and ')' as re- placement charac-	Unchecked	Replace the '.' character if the name of the HMI tag is created from the PLC tag name Replace the characters '[' and ']' if the name of the HMI tag is created from the PLC tag name	Checked
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Runtime language Configured font 1  Tag settings  Replace the separator on each sub-level of the path of the PLC tag:  Use '_' as the replacement character  Use '{' and '}' as replacement characters  PLC name as prefix	Checked Checked Unchecked	Compatibility mode: Set '_' between the PLC tags and the first-level element.  Use ';' as the re- placement character  Use '(' and ')' as re- placement charac-	Unchecked	Replace the '.' character if the name of the HMI tag is created from the PLC tag name Replace the characters '[' and ']' if the name of the HMI tag is created from the PLC tag name	Checked
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Runtime language Configured font 1  Tag settings  Replace the separator on each sub-level of the path of the PLC tag:  Use '_' as the replacement character  Use '{' and '}' as replacement character  PLC name as prefix	Checked Checked Unchecked	Compatibility mode: Set '_' between the PLC tags and the first-level element.  Use ';' as the re- placement character  Use '(' and ')' as re- placement charac-	Unchecked	Replace the '.' character if the name of the HMI tag is created from the PLC tag name Replace the characters '[' and ']' if the name of the HMI tag is created from the PLC tag name	Checked

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Hardcopy of I	Root screen							
			Welc	ome to HI	MI_1 (KTP400 Basic+ I	PN)!		
					- •	•		
						O		
Name	Root screen	***************************************	Backgroun		255, 255, 255	Grid color	0, 0, 0	
Tooltip HmiScreenIte	mData		Number		1	Template	Template	<u>-</u> 1
Туре	Text field		Name		HmiScreenItemData	Y position	102	
X position Layer	48 0 - Layer_0		Width Font		384 Tahoma, 13px, style=Bold	Height Text	22 Welcome PN)!	to HMI_1 (KTP400 Basic+
Softkey_F1								
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cwiczenie0 / HM	/II_1 [KTP	400 Basic Pl	N] / Screens		
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		Start			
Name	Screen_1	Background color	181, 182, 181	Grid color	0, 0, 0
Tooltip	Screen_1	Number	2	Template	0, 0, 0
Pushbutton_Rour	nd_G	,			
Туре	Switch	Name	Pushbutton_Round_G	Y position	73
X position	42	Width	50	Height	50
Layer	0 - Layer_0	Mode	Switch with graphic		
Dynamizations\Tag		Т	***		
Property name	Process value	Tag	gotow		
Text field_1					
Гуре	Text field	Name	Text field_1	Y position	36
X position	37	Width	46	Height	20
Layer	0 - Layer_0	Font	Tahoma, 13px, style=Bold	Text	Gotów
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Гуре	Text field	Name	Text field_2	Y position	241
C position	42	Width	Tologram 12 miles Polid	Height	20
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Oynamizations\Ever Event name  Function list\SetE  Fag  Pushbutton_Eme  Type  X position  Layer  Oynamizations\Tag  Property name  Text field_3  Type  X position  Layer  Ellipse_1	Switch 126 0 - Layer_0 connection Process value  Text field 139 0 - Layer_0	Press key  start  Name Width Mode  Tag  Name Width Font	Pushbutton_Emergency 80 Switch with graphic awaria  Text field_3 67	Y position Height	36 20 AWARIA!
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Dynamizations\Ever Event name  Function list\SetE  Fag  Pushbutton_Eme  Type  K position  Layer  Dynamizations\Tag  Property name  Text field_3  Type  K position  Layer  Ellipse_1  Type  K position  Layer  Dynamizations\App  Tag - Cycle	Switch 126 0 - Layer_0 connection Process value  Text field 139 0 - Layer_0  Ellipse 307 0 - Layer_0 earance naped ON -	Press key  start  Name Width Mode  Tag  Name Width Font  Name Width Background color  Data type	Pushbutton_Emergency 80 Switch with graphic awaria  Text field_3 67 Tahoma, 13px, style=Bold  Ellipse_1 133 222, 219, 222  Range	Y position Height Text  Y position Height	36 20 AWARIA!
Dynamizations\Ever Event name  Function list\SetE  Fag  Pushbutton_Eme  Type  X position Layer  Dynamizations\Tag  Property name  Text field_3  Type  X position Layer  Ellipse_1  Type  X position Layer  Dynamizations\App  Fag - Cycle  Foreground color  Range	Switch 126 0 - Layer_0 connection Process value  Text field 139 0 - Layer_0  Ellipse 307 0 - Layer_0 earance naped ON - 24, 28, 49 11	Press key  start  Name Width Mode  Tag  Name Width Font  Name Width Background color	Pushbutton_Emergency 80 Switch with graphic awaria  Text field_3 67 Tahoma, 13px, style=Bold  Ellipse_1 133 222, 219, 222	Y position Height Text  Y position Height Border color	36 20 AWARIA! 73 137 24, 28, 49
Dynamizations\Ever Event name  Function list\SetE  Fag  Pushbutton_Eme  Type  X position  Layer  Dynamizations\Tag  Property name  Text field_3  Type  X position  Layer  Ellipse_1  Type  X position  Layer  Dynamizations\App  Fag - Cycle  Foreground color  Range	Switch 126 0 - Layer_0 connection Process value  Text field 139 0 - Layer_0  Ellipse 307 0 - Layer_0 earance naped ON - 24, 28, 49	Name Width Mode  Tag  Name Width Font  Name Width Background color  Data type Background color	Pushbutton_Emergency 80 Switch with graphic awaria  Text field_3 67 Tahoma, 13px, style=Bold  Ellipse_1 133 222, 219, 222  Range 255, 0, 0	Y position Height Text  Y position Height Border color  Range Flashing	36 20 AWARIA! 73 137 24, 28, 49
Dynamizations\Ever Event name  Function list\SetE  Fag  Pushbutton_Eme  Type  X position  Layer  Dynamizations\Tag  Property name  Text field_3  Type  X position  Layer  Dynamizations\App  Ellipse_1  Type  X position  Layer  Dynamizations\App  Fag - Cycle  Foreground color  Range  Flashing	Switch 126 0 - Layer_0 connection Process value  Text field 139 0 - Layer_0  Ellipse 307 0 - Layer_0 earance naped ON - 24, 28, 49 11	Name Width Mode  Tag  Name Width Font  Name Width Background color  Data type Background color	Pushbutton_Emergency 80 Switch with graphic awaria  Text field_3 67 Tahoma, 13px, style=Bold  Ellipse_1 133 222, 219, 222  Range 255, 0, 0	Y position Height Text  Y position Height Border color  Range Flashing	36 20 AWARIA! 73 137 24, 28, 49
Dynamizations\Ever Event name  Function list\SetE  Fag  Pushbutton_Eme  Type  K position  Layer  Dynamizations\Tag  Property name  Text field_3  Type  K position  Layer  Ellipse_1  Type  K position  Layer  Dynamizations\App  Fag - Cycle  Foreground color  Range  Flashing  Text field_4	Switch 126 0 - Layer_0 connection Process value  Text field 139 0 - Layer_0  Ellipse 307 0 - Layer_0 earance naped ON - 24, 28, 49 11	Name Width Mode  Tag  Name Width Font  Name Width Background color  Data type Background color	Pushbutton_Emergency 80 Switch with graphic awaria  Text field_3 67 Tahoma, 13px, style=Bold  Ellipse_1 133 222, 219, 222  Range 255, 0, 0	Y position Height Text  Y position Height Border color  Range Flashing	36 20 AWARIA! 73 137 24, 28, 49
Dynamizations\Ever Event name  Function list\SetE  Tag  Pushbutton_Eme  Type X position Layer  Dynamizations\Tag  Property name  Text field_3  Type X position Layer  Ellipse_1  Type X position Layer  Dynamizations\App Tag - Cycle Foreground color  Range Flashing  Text field_4  Type	Switch 126 0 - Layer_0 connection Process value  Text field 139 0 - Layer_0  Ellipse 307 0 - Layer_0 earance naped ON - 24, 28, 49 11 No  Text field 331	Name Width Mode  Tag  Name Width Font  Name Width Background color  Data type Background color Foreground color  Name Width	Pushbutton_Emergency 80 Switch with graphic awaria  Text field_3 67 Tahoma, 13px, style=Bold  Ellipse_1 133 222, 219, 222  Range 255, 0, 0 24, 28, 49  Text field_4 70	Y position Height Text  Y position Height Border color  Range Flashing Background color  Y position Height	36 20 AWARIA! 73 137 24, 28, 49 00 No 0, 255, 0
Dynamizations\Ever Event name  Function list\SetE  Function list\S	Switch 126 0 - Layer_0 connection Process value  Text field 139 0 - Layer_0  Ellipse 307 0 - Layer_0 earance naped ON - 24, 28, 49 11 No  Text field 331 0 - Layer_0	Name Width Mode  Tag  Name Width Font  Name Width Background color  Data type Background color Foreground color	Pushbutton_Emergency 80 Switch with graphic awaria  Text field_3 67 Tahoma, 13px, style=Bold  Ellipse_1 133 222, 219, 222  Range 255, 0, 0 24, 28, 49  Text field_4	Y position Height Text  Y position Height Border color  Range Flashing Background color  Y position	36 20 AWARIA! 73 137 24, 28, 49 00 No 0, 255, 0
Dynamizations\Ever Event name  Function list\SetE  Tag  Pushbutton_Eme  Type X position Layer Dynamizations\Tag  Property name  Text field_3  Type X position Layer  Ellipse_1  Type X position Layer  Dynamizations\App Tag - Cycle Foreground color Range Flashing  Text field_4  Type X position Layer Dynamizations\App Tag - Cycle Foreground color Range Flashing  Text field_4  Type X position Layer Dynamizations\Visil	Switch 126 0 - Layer_0 connection Process value  Text field 139 0 - Layer_0  Ellipse 307 0 - Layer_0 earance naped ON - 24, 28, 49 11 No  Text field 331 0 - Layer_0 bility	Name Width Mode  Tag  Name Width Font  Name Width Background color  Data type Background color Foreground color  Name Width Font	Pushbutton_Emergency 80 Switch with graphic awaria  Text field_3 67 Tahoma, 13px, style=Bold  Ellipse_1 133 222, 219, 222  Range 255, 0, 0 24, 28, 49  Text field_4 70 Tahoma, 13px, style=Bold	Y position Height Text  Y position Height Border color  Range Flashing Background color  Y position Height	36 20 AWARIA! 73 137 24, 28, 49 00 No 0, 255, 0
Dynamizations\Ever Event name  Function list\SetE  Tag  Pushbutton_Eme  Type X position Layer Dynamizations\Tag  Property name  Text field_3  Type X position Layer	Switch 126 0 - Layer_0 connection Process value  Text field 139 0 - Layer_0  Ellipse 307 0 - Layer_0 earance naped ON - 24, 28, 49 11 No  Text field 331 0 - Layer_0	Name Width Mode  Tag  Name Width Font  Name Width Background color  Data type Background color Foreground color  Name Width	Pushbutton_Emergency 80 Switch with graphic awaria  Text field_3 67 Tahoma, 13px, style=Bold  Ellipse_1 133 222, 219, 222  Range 255, 0, 0 24, 28, 49  Text field_4 70	Y position Height Text  Y position Height Border color  Range Flashing Background color  Y position Height	36 20 AWARIA! 73 137 24, 28, 49 00 No 0, 255, 0

Advinction Fortis  covicacnic () HML_1 [KTP400 Basic PN] / Screen management / Templates  Template_1  Hardcopy of Template_1  Familiar_Batron  Template_Batron  Template_Batron  Name Template_Batron  Year Name (1 template template)  Familiar_Batron (1 t	Totally Integrate	d						
Hardcopy of Template_1	Automation Port	al						
Name		/ HMI_1 [KTP40	0 Basic PN] / So	creen manag	ement / To	emplates		
Name	Hardcopy of Ten	nplate_1						
Template_Button			4		2			
Template_Button	Namo	Tomplate 1		Activ	o lavor			
Type				ACTIV	c iayel	Į <b>U</b>		
X position   388   Width   63   Height   44			Name	Templata Di	utton	Ynosition	227	
Part	X position	388	Width	63	ittori	Height	44	
Function list\StopRuntime		· ·	Text OFF	ExitRuntime		Text ON	ExitRuntime	
Name		nt	Relea	ise				
Template_Button_1	Function list\Stop	Runtime						
Type         Button         Name         Template_Button_1         Y position         227           X position         268         Width         63         Height         44           Mode         Text         Text OFF         Text ON         Text ON           Type         Button         Name         Template_Button_2         Y position         227           X position         148         Width         63         Height         44           Mode         Text         Text OFF         Text ON         Text ON           Type Button_3           X position         28         Width         63         Height         44           Mode         Graphic         Text OFF         NavigateHome         Text ON         NavigateHome           Dynamizations\Event Event           Event name         Release	Mode		Runti	me				
X position         268         Width         63         Height         44           Mode         Text         Text OFF         Text ON         44           Template_Button_2         Y position         227           Type         Button         Name         Template_Button_2         Y position         227           X position         148         Width         63         Height         44           Mode         Text         Text OFF         Text ON         Text ON           Type         Button         Name         Template_Button_3         Y position         227           X position         28         Width         63         Height         44           Mode         Graphic         Text OFF         NavigateHome         Text ON         NavigateHome           Dynamizations\text{Event}           Event name         Release	Template_Button	_1						
Mode         Text         Text OFF         Text ON           Template_Button_2           Type         Button         Name         Template_Button_2         Y position         227           X position         148         Width         63         Height         44           Mode         Text         Text OFF         Text ON         Text ON           Template_Button_3         Y position         227           X position         28         Width         63         Height         44           Mode         Graphic         Text OFF         NavigateHome         Text ON         NavigateHome           Dynamizations\Event Event name         Release	Туре	Button	Name	Template_Bu	itton_1	Y position	227	
Template_Button_2           Type         Button         Name         Template_Button_2         Y position         227           X position         148         Width         63         Height         44           Mode         Text         Text OFF         Text ON           Template_Button_3           Type         Button         Name         Template_Button_3         Y position         227           X position         28         Width         63         Height         44           Mode         Graphic         Text OFF         NavigateHome         Text ON         NavigateHome           Dynamizations\Event           Event name         Release	X position					Height	44	
Type Button Name Template_Button_2 Y position 227 X position 148 Width 63 Height 44 Mode Text Text OFF Text ON  Template_Button_3  Type Button Name Template_Button_3 Y position 227 X position 28 Width 63 Height 44 Mode Graphic Text OFF NavigateHome Text ON NavigateHome  Dynamizations\Event Event name Release  Function list\ActivateScreen			TEXT OF T			TEXT ON		
X position 148 Width 63 Height 44  Mode Text Text OFF Text ON  Template_Button_3  Type Button Name Template_Button_3 Y position 227  X position 28 Width 63 Height 44  Mode Graphic Text OFF NavigateHome Text ON NavigateHome  Dynamizations\Event Event name Release  Function list\ActivateScreen			News	Tamanlata Di	ittan 2	V nosition	227	
Type Button 28 Width 63 Height 44 Mode Graphic Text OFF NavigateHome Text ON NavigateHome  Dynamizations\Event Event name Release  V position 227 Height 44 Text OFF NavigateHome Text ON NavigateHome  Text ON NavigateHome	X position	148	Width		itton_2	Height		
Type Button Name Template_Button_3 Y position 227 X position 28 Width 63 Height 44 Mode Graphic Text OFF NavigateHome Text ON NavigateHome  Dynamizations\Event Event name Release  Function list\ActivateScreen	Mode	Text	Text OFF			Text ON		
X position 28 Width 63 Height 44  Mode Graphic Text OFF NavigateHome Text ON NavigateHome  Dynamizations\Event Event name Release	Template_Button	_3						
Mode Graphic Text OFF NavigateHome Text ON NavigateHome  Dynamizations\Event  Event name Release  Function list\ActivateScreen					itton_3			
Event name  Release  Function list\ActivateScreen					ne			
Function list\ActivateScreen		nt	Rales	JCA				
		vateScreen	neiea	136				
Acterinance (Operinance)				Ohie	rt number	0		
	Screen name	ROOT SCIEBIL		Obje	ct number	U		
·								

Totally Integrated Automation Portal						
Cwiczenie0 / HN Global screen Hardcopy of Global s	MI_1 [KTP400 Bas	ic PN] / Scree	n management			
Name Glob	oal screen	Background color	181, 182, 181	Grid color	0, 0, 0	

Totally Integrated Automation Porta	d al					
cwiczenie0 /	 / HMI_1 [KTP400 Basi	c PN1 / HMI +:	aas			
Default tag ta			193			
gotow						
Name	gotow	Address		Connection	HMI_Cor	nnection_1
Data type	Bool	Length	1			
start Name	start	Address		Connection	HMI Cor	nnection_1
Data type	Bool	Length	1		_	_
awaria Name	awaria	Address		Connection	LIMI Con	onaction 1
Data type	Bool	Length	1	Connection	HIVII_COI	nnection_1
naped ON						
Name Data type	naped ON Bool	Address Length	1	Connection	HMI_Cor	nnection_1

Totally Integrat Automation Po	ted rtal					
cwiczenie0 / HMI_1 [KTP400 Basic PN] Connections						
HMI_Connection			la			
Name	HMI_Connection_1	Communication driver	SIMATIC S7 1200	Comment		
Name Name	HMI_Connection_1	Communication driver	SIMATIC S7 1200	Comment		

Totally Integrated Automation Portal		
cwiczenie0 / HM Discrete alarms	/II_1 [KTP400 Basic PN] / HMI alarms	
This folder is empty.		

Totally Integrated Automation Portal		
cwiczenie0 / HM Analog alarms This folder is empty.	II_1 [KTP400 Basic PN] / HMI alarms	

D Basic PN] / HMI al  10  11  12  13  14  15  16	ID  ID  ID  ID  ID  ID  ID	1	
1 10 11 12 13 14 15	ID  ID  ID  ID  ID  ID  ID	10	
11 12 13 14	ID  ID  ID  ID  ID	10	
11 12 13 14	ID  ID  ID  ID  ID	10	
11 12 13 14	ID  ID  ID  ID  ID	11	
11 12 13 14 15	ID  ID  ID  ID	11	
11 12 13 14 15	ID  ID  ID  ID	11	
12 13 14 15	ID  ID  ID	12   13   14   15	
12 13 14 15	ID  ID  ID	13   14   15	
13 14 15	ID ID	13   14   15	
13 14 15	ID ID	13   14   15	
14 15 16	ID ID	14	
14 15 16	ID ID	14	
15 16	ID ID	15	
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16	ID		
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6	ID	6	
7	ID	7	
8	ID	8	
9	ID	9	
	5 6 7 8	6 ID 7 ID 8 ID	6 ID 6 7 ID 7 8 ID 8

Totally Integrated Automation Portal						
cwiczenie0 / HMI_1 [KTP400 Basic PN] / HMI alarms						
Alarm classes						
Acknowledgen	nent					
Name Alarm log	Acknowledgement <no log=""></no>	Display name	A	ID	33	
Errors	J					
Name Alarm log	Errors <no log=""></no>	Display name	ļ!	ID	1	
No Acknowled						
Name Alarm log	No Acknowledgement	Display name	NA	ID	34	
System	<no log=""></no>					
Name	System	Display name	\$	ID	3	
Alarm log Warnings	<no log=""></no>					
Name	Warnings	Display name		ID	2	
Alarm log	<no log=""></no>					

Totally Integrated Automation Portal		
cwiczenie0 / HN  System events  This folder is empty.	/II_1 [KTP400 Basic PN] / HMI alarms	

Totally Integrated Automation Portal		
cwiczenie0 / HN Recipes This folder is empty.	/I_1 [KTP400 Basic PN]	

Totally Integrated Automation Portal		
cwiczenie0 / HN	/II_1 [KTP400 Basic PN] / Historical data	
Datalogs		
This folder is empty.		

Totally Integrated Automation Portal						
cwiczenie0 / HMI_1 [KTP400 Basic PN] / Historical data AlarmLogs  This folder is empty.						

Totally Integrated Automation Portal		
cwiczenie0 / HM Scheduled tasks This folder is empty.	/II_1 [KTP400 Basic PN]	

Totally Integrated Automation Portal						
cwiczenie0 / HMI_1 [KTP400 Basic PN] / Text and graphic lists  Text lists  This folder is empty						
This folder is empty.						

Totally Integrated Automation Portal		
cwiczenie0 / HN Graphic lists This folder is empty.	II_1 [KTP400 Basic PN] / Text and graphic lists	

Totally Integra Automation P	ated ortal				
	0 / HMI_1 [KTP400	) Basic PN] / Use	er administration		
User Administrator					
Name Logoff time	Administrator	Number	1 Administrator group;	Automatic logoff Che	cked
Logori time	٥	Groups	Administrator group;		

	/ HMI_1 [KTP400 Bas	sic PN] / User	administration			
roups dministrator	group					
ame	Administrator group	Display name	Administrator group	Number	1	
uthorizations	User administration; Monitor; Op ate;	er-		,,		
sers						
ame uthorizations	Users Operate;	Display name	Users	Number	2	

Totally Integrated Automation Porta	d al					
cwiczenie0 / HMI_1 [KTP400 Basic PN] / User administration						
Authorizations						
Monitor  Name Monitor Authorization Monitor Authorization num- 2						
Name	Monitor	Authorization	Monitor	ber		
Operate Name	Operate	Authorization	Operate	Authorization num-	3	
		Authorization	Operate	ber		
User administrat	User administration	Authorization	User administration	Authorization num-	1	
				ber		

Totally Integrated Automation Portal			
wiczenie0 / Common d larm classes	ata		
arm classes ime knowledgement	Display name A	Acknowledgment True	
Acknowledgement	NA	False	

Totally Integrated		
Automation Portal		
cuiszonio (/ Common data		
cwiczenie0 / Common data		
Text lists		
Text lists		
SYSTEM_AlarmServices_PriorityList		
Selection Decimal	ID	0
Comment		
SYSTEM_AlarmServices_PriorityList		
Range from	Range to	Entry
0	0	1
2	2	'
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14 15	14 15	14 15
16	16	16
IV	IU	IV
SYSTEM_AlarmServices_DisplayClassList		
Selection Decimal	ID	0
Comment		
CYCTEM Alama Camira a Bianta Charatiat		
SYSTEM_AlarmServices_DisplayClassList		-
Range from	Range to	Entry 0
0	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
11 12	11 12	11 12
11 12 13	11 12 13	11 12 13
11 12 13 14	11 12 13 14	11 12 13 14
11 12 13 14 15	11 12 13 14 15	11 12 13 14 15
11 12 13	11 12 13 14	11 12 13 14
11 12 13 14 15	11 12 13 14 15	11 12 13 14 15
11 12 13 14	11 12 13 14 15	11 12 13 14 15
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList	11 12 13 14 15	11 12 13 14 15
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment	11 12 13 14 15	11 12 13 14 15
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList	11 12 13 14 15 16	11 12 13 14 15 16
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from	11 12 13 14 15 16  ID	11 12 13 14 15 16
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList	11 12 13 14 15 16	11 12 13 14 15 16
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1	11 12 13 14 15 16   ID   Range to 0 1	11 12 13 14 15 16    0    Entry
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0	11 12 13 14 15 16  ID	11 12 13 14 15 16
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2	11 12 13 14 15 16   ID   Range to   0 1 2	11 12 13 14 15 16  0  Entry 0 1 2
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Comment  Decimal  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5	11 12 13 14 15 16   ID   Range to 0 1 2 3 4 5	11 12 13 14 15 16    0    Entry   0 1 2 3 4 5
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6	11 12 13 14 15 16   ID   Range to	11 12 13 14 15 16    O
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6 7	11 12 13 14 15 16   ID   Range to   0   1   2   3   4   5   6   7	11 12 13 14 15 16    O
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6 7 8	11 12 13 14 15 16   ID   Range to   0   1   2   3   4   5   6   7   8	11 12 13 14 15 16
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6 7 8 9	11 12 13 14 15 16    ID    Range to 0 1 2 3 4 5 6 7 8 9	11 12 13 14 15 16   D  Entry  0  1 2 3 4 5 6 7 8 9
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6 7 8 9 10	11 12 13 14 15 16   ID   Range to 0 1 2 3 4 5 6 7 8 9 10	11 12 13 14 15 16   D  Entry  0 1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6 7 8 9 10 11	11 12 13 14 15 16  Range to 0 1 2 3 4 5 6 7 8 9 10 11	11 12 13 14 15 16    O
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6 7 8 9 10 11 12	11 12 13 14 15 16  Range to 0 1 2 3 4 5 6 7 8 9 10 11 11 12	11 12 13 14 15 16    D   D   Entry   D   1   2   3   4   5   6   7   8   9   10   11   12
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6 7 8 9 10 11 11 12 13	11 12 13 14 15 16  Range to 0 1 2 3 4 5 6 7 8 9 10 11 11 12 13	11 12 13 14 15 16    D   Entry     O
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection	11 12 13 14 15 16  Range to 0 1 2 3 4 5 6 7 8 9 10 11 11 12 13 14	11 12 13 14 15 16    O
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6 7 8 9 10 11 11 12 13	11 12 13 14 15 16  Range to 0 1 2 3 4 5 6 7 8 9 10 11 11 12 13	11 12 13 14 15 16    D   Entry     O
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection	11 12 13 14 15 16  Range to 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	11 12 13 14 15 16    O
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection	11 12 13 14 15 16  Range to 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	11 12 13 14 15 16    O
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16  SYSTEM_AlarmServices_ProducerList Selection Decimal	11 12 13 14 15 16  Range to 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	11 12 13 14 15 16    O
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection	11 12 13 14 15 16  Range to 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	11 12 13 14 15 16    O
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16  SYSTEM_AlarmServices_ProducerList Selection Decimal Comment	11 12 13 14 15 16  Range to 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	11 12 13 14 15 16    O
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  SYSTEM_AlarmServices_ProducerList Selection Decimal Comment  SYSTEM_AlarmServices_ProducerList Selection Decimal Comment	11	11 12 13 14 15 16
11	11 12 13 14 15 16  Range to 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	11 12 13 14 15 16
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16  SYSTEM_AlarmServices_ProducerList Selection Decimal Comment  SYSTEM_AlarmServices_ProducerList Selection Decimal Comment  SYSTEM_AlarmServices_ProducerList Range from 0 1	11 12 13 14 15 16  Range to 0 1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16	11 12 13 14 15 16
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16  SYSTEM_AlarmServices_ProducerList Selection Decimal Comment  SYSTEM_AlarmServices_ProducerList Selection Decimal Comment  SYSTEM_AlarmServices_ProducerList Range from 0 1	11	11 12 13 14 15 16    O
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16  SYSTEM_AlarmServices_ProducerList Selection Decimal Comment  SYSTEM_AlarmServices_ProducerList Selection Decimal Comment  SYSTEM_AlarmServices_ProducerList Range from 0 1 2 3	11	11 12 13 14 15 16    O
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  SYSTEM_AlarmServices_ProducerList Selection Decimal Comment  SYSTEM_AlarmServices_ProducerList Range from 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  SYSTEM_AlarmServices_ProducerList Range from 0 1 2 3 4	11	11 12 13 14 15 16    D   D   Entry
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal Comment  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  SYSTEM_AlarmServices_ProducerList Selection Decimal Comment  SYSTEM_AlarmServices_ProducerList Range from 0 1 2 3 4 5 5 6 6 7 8 9 10 11 12 13 14 15 16  SYSTEM_AlarmServices_ProducerList Range from 0 1 2 3 4 5 6 7 8 8 9 10 11 12 13 14 15 16 16  SYSTEM_AlarmServices_ProducerList Selection Decimal Comment	11	11 12 13 14 15 16  Entry 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  Entry User program Report system errors User program User program User program User program System diagnostics Motion control
11 12 13 14 15 16  SYSTEM_AlarmServices_AcknowledgementGroupList Selection Decimal  SYSTEM_AlarmServices_AcknowledgementGroupList Range from 0 1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16  SYSTEM_AlarmServices_ProducerList Selection Decimal Comment  SYSTEM_AlarmServices_ProducerList Selection Decimal Comment  SYSTEM_AlarmServices_ProducerList Range from 0 1 2 3 4	11	11 12 13 14 15 16    D   D   Entry

Totally Integrated Automation Portal			
Range from	Range to	Entry SINUME	RIK
SYSTEM_AlarmServices_T Selection Comment	Decimal	<b>ID</b>  0	
SYSTEM_AlarmServices_T			
Range from	Range to	Entry Info tex	
0	1	Alarm te	
2	2		nal text 1
2 3	3	Addition	nal text 2
4	4		nal text 3
5	5 6	Addition	nal text 4 nal text 5
6 7	7		nal text 6
8	8	Addition	nal text 7
8 9	9	Addition	nal text 8
10	10	Addition	nal text 9
			,

Totally Integrated Automation Portal		
cwiczenie0 / Co Logs This folder is empty.	mmon data	
This folder is empty.		
	1	

Totally Integrated Automation Portal		
cwiczenie0 / Co Styles	mmon data	
This folder is empty.		

Totally Integrated Automation Portal		
	nguages & resources	
Project languages		
Languages Reference language English (United States)		
Editing language English (United States)		
Other project languages		
Empty		
1		

## cwiczenie0 / Languages & resources / Project texts

## **Project texts**

roject texts nglish (United States)	Category	Reference
nglish (United States)	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\\AlarmClass
		ta_IDisplayNaming_DisplayName
	HMI screen	cwiczenie0\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Template_plate_Button_1\Text OFF
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\alarmclass name not
	A1	set_1\AlarmClassData_IDisplayNaming_DisplayName
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\\AlarmClassData_IDisplayNaming_DisplayName
	HMI screen	cwiczenie0\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Te
	Other text category	plate_Button_2\Text ON cwiczenie0\Comment
	HMI screen	cwiczenie0\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Te
	HMI screen	plate_Button_1\Text ON cwiczenie0\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Te
	Alarm text	plate_Button_2\Text OFF cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\alarmclass name not set\Ala
		ClassData_IDisplayNaming_DisplayName
	Alarm text	alarmclass name not set_4\AlarmClassData_IDisplayNaming_DisplayName
ain Program Sweep (Cycle)"	Multilingual text category	cwiczenie0\PLC_1 [CPU 1212C AC/DC/Rly]\Program blocks\Main [OB1]\Comment
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\System\alarmclass name not set_2\AlarmClassData_IDisplayNaming_DisplayName
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_DisplayClassList\0\Entry
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_PriorityList\0\Entry
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_AcknowledgementGroupList\0\Entry
	HMI screen	cwiczenie0\HMI_1 [KTP400 Basic PN]\Screens\Screen_1\Pushbutton_Emergency\Text
	UNAL	OFF
	HMI screen HMI screen	cwiczenie0\HMI_1 [KTP400 Basic PN]\Screens\Screen_1\Pushbutton_Round_G\Text Ccwiczenie0\HMI_1 [KTP400 Basic PN]\Screens\Screen_1\Pushbutton_Emergency\Text
		ON STATE OF THE PROPERTY OF TH
	HMI screen	cwiczenie0\HMI_1 [KTP400 Basic PN]\Screens\Screen_1\Pushbutton_Round_G\Text C
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_PriorityList\1\Entry
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_AcknowledgementGroupList\1\Entry
	Text List Text Category	cwiczenie 0\SYSTEM_Alarm Services_Display Class List\1\Entry cwiczenie 0\SYSTEM_Alarm Services_Priority List\10\Entry
	Text List Text Category	,
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_AcknowledgementGroupList\10\Entry
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_DisplayClassList\10\Entry
	Text List Text Category  Text List Text Category	cwiczenieO\SYSTEM_AlarmServices_DisplayClassList\11\Entry
	9 3	cwiczenie0\SYSTEM_AlarmServices_AcknowledgementGroupList\11\Entry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_PriorityList\11\Entry cwiczenie0\SYSTEM_AlarmServices_DisplayClassList\12\Entry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_DisplayClassEist\12\Entry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_AcknowledgementGroupList(12\Entry
		·
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_AcknowledgementGroupList\13\Entry cwiczenie0\SYSTEM_AlarmServices_DisplayClassList\13\Entry
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_DisplayClassEist(15\Entry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_PriorityList(15)Entry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_DisplayclassEist(14\Entry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_Acknowledgement@roupEist(14\Entry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_PriorityElst(14)Entry
	0 3	cwiczenie0\SYSTEM_AlarmServices_DisplayclassEist(15\Entry
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_PriorityList(15\Entry
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_AcknowledgementGroupList\16\Entry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_AcknowledgementdroupList(16\Entry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_DisplayclassEist(10)Entry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_PriorityEistrotEntry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_DisplayclassEist(2\Entry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_AcknowledgementaroapEist(2\Entry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_PriorityEistt2\Entry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_DisplayclassEistGlEntry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_AcknowledgementGroupList\3\Entry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_AcknowledgementGroupList\4\Entry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_DisplayClassList\4\Entry
	Text List Text Category  Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_PriorityList\4\Entry
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_AcknowledgementGroupList\5\Entry
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_DisplayClassList\5\Entry
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_PriorityList\5\Entry
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_AcknowledgementGroupList\6\Entry
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_PriorityList\6\Entry
	Text List Text Category	cwiczenie 0\SYSTEM_Alarm Services_Display Class List\6\Entry
	Text List Text Category	cwiczenie 0\SYSTEM_Alarm Services_Display Class List\7\Entry
	Text List Text Category	cwiczenie 0\SYSTEM_Alarm Services_Acknowledgement Group List\7\Entry
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_PriorityList\7\Entry
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_PriorityList\8\Entry
	Text List Text Category	cwiczenie 0\SYSTEM_Alarm Services_Acknowledgement Group List\8\Entry
	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_DisplayClassList\8\Entry
	Text List Text Category	cwiczenie 0\SYSTEM_Alarm Services_Acknowledgement Group List\9\Entry
	Text List Text Category	cwiczenie 0\SYSTEM_Alarm Services_Display Class List\9\Entry
	Text List Text Category	cwiczenie 0\SYSTEM_Alarm Services_PriorityList\9\Entry
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\Text for "Acknowledged"
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\Text for "Acknowledged"
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\Text for "Acknowledgement"

nglish (United States)	Category	Reference
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\Text for "Acknow
	Alarm text	edged" cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\Text for "Acknowledgement"
	Alailli text	knowledged"
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\System\Text for "Acknowledged"
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\Text for "Acknow
	Alarm class text	edged"  cwiczenie0\Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName
dditional text 1	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_TextNameList\Additional text 1\Entry
dditional text 2	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_TextNameList\Additional text 2\Entry
dditional text 3	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_TextNameList\Additional text 3\Entry
Iditional text 4	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_TextNameList\Additional text 4\Entry
Iditional text 5	Text List Text Category Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_TextNameList\Additional text 5\Entry
Iditional text 6 Iditional text 7	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_TextNameList\Additional text 6\Entry cwiczenie0\SYSTEM_AlarmServices_TextNameList\Additional text 7\Entry
Iditional text 8	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_TextNameList\Additional text 8\Entry
lditional text 9	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_TextNameList\Additional text 9\Entry
dministrator group	HMI runtime	cwiczenie0\HMI_1 [KTP400 Basic PN]\User administration\Administrator group\Disp
	T ALCA T ACA	name
arm text uthorization 'User administration' for	Text List Text Category HMI comment	cwiczenie0\SYSTEM_AlarmServices_TextNameList\Alarm text\Entry cwiczenie0\HMI_1 [KTP400 Basic PN]\User administration\User administration\Comr
anaging users in the user view inrRun-	nimi comment	cwiczenieo(niwi_i [K1F400 basic FN](Oser administration(Oser administration(Comi
ne.		
NARIA!	HMI screen	cwiczenie0\HMI_1 [KTP400 Basic PN]\Screens\Screen_1\Text field_3\Text
PU error: @1W%t#7W@ @5W%t#7W@	System alarm text	4\SDIAG_ALCAT_CPU_ERR_MSG\Alarm text
N_ID= @6W%5u@ PU info: @1W%t#7W@ @5W%t#7W@	System alarm text	4\SDIAG_ALCAT_CPU_INFO_MSG\Alarm text
W_ID= @6W%5u@	System didini text	1.55 % Co_ 1.25 Co_
PU internal: @1W%t#7W@ @5W%t#7W@ N_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_CPU_INTERN_MSG\Alarm text
PU maintenance demanded: @1W t#7W@ @5W%t#7W@ HW_ID= @6W 5u@	System alarm text	4\SDIAG_ALCAT_CPU_MD_MSG\Alarm text
PU maintenance required: @1W%t#7W@5W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_CPU_MR_MSG\Alarm text
PU mode message: @1W%t#7W@ @5W t#7W@	System alarm text	4\SDIAG_ALCAT_CPU_OST_MSG\Alarm text
ror: @1W%t#7W@ - @5W%t#7W@ W_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_ESUB_ERR_MSG\Alarm text
ror: @1W%t#7W@ - @5W%t#7W@ N_ID= @6W%5u@, @8W%t#7W@ chan- el number @2W%5u@	System alarm text	4\SDIAG_ALCAT_ECH_ERR_MSG\Alarm text
rror: @1W%t#7W@ @5W%t#7W@ HW_ID= 6W%5u@		4\SDIAG_ALCAT_RACK_MSG\Alarm text
rror: @1W%t#7W@ @5W%t#7W@ HW_ID= 6W%5u@		4\SDIAG_ALCAT_MODUL_MSG\Alarm text
rror: @1W%t#7W@ @5W%t#7W@ HW_ID= 66W%5u@	_	4\SDIAG_ALCAT_IOSYSTEM_MSG\Alarm text
rror: @1W%t#7W@ @5W%t#7W@ HW_ID= 6W%5u@ 		4\SDIAG_ALCAT_DEVICE_MSG\Alarm text
ror: @1W%t#7W@ @5W%t#7W@ HW_ID= 6W%5u@ ror: @1W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_SUBMODUL_MSG\Alarm text 4\SDIAG_ALCAT_SUB_ERR_MSG\Alarm text
ror: @1W%t#7W@ HW_ID= @6W%5u@,	System alarm text	4\SDIAG_ALCAT_SOB_ERR_MSG\Alarm text
8W%t#7W@ channel number @2W%5u@		
itRuntime	HMI screen	cwiczenie0\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\T
citRuntime	HMI screen	plate_Button\Text OFF cwiczenie0\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\1
ittuitiine	riivii screeri	plate_Button\Text ON
otów	HMI screen	cwiczenie0\HMI_1 [KTP400 Basic PN]\Screens\Screen_1\Text field_1\Text
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\Text for "Incomin
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\Text for "Incor ing"
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\Text for "Incoming"
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\Text for "Incoming"
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\Text for "In
	Al	coming"
	Alarm text Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\System\Text for "Incoming" cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\Text for "Incoming"
fo text	Text List Text Category	cwiczenieo\Him_1 [KTP400 Basic PN]\Him alarms\Diagnosis events\Text for Incomi
fo: @1W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_CONFIG_INFO\Alarm text
fo: @1W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_CONFIG_REPORT\Alarm text
<u>-</u>	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\Text for "Incomir Outgoing"
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\Text for "Incor Outgoing"
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\System\Text for "Incoming/Outgoi
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\Text for "Incoming/Outo
	Marm tout	ing"  wiczenioO\HML 1 [KTR400 Pacis PNI\HMI alarms\Errors\Toxt for "Incoming/Outgoin
	Alarm text Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\Text for "Incoming/Outgoin cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\Text for "Incoming of the complex of the co
		Outgoing"
	Alarm text	cwiczenie0\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\Text for "In coming/Outgoing"
laintenance demanded: @1W%t#7W@ - 5W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_ESUB_MD_MSG\Alarm text
 laintenance demanded: @1W%t#7W@ W_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_SUB_MD_MSG\Alarm text 4\SDIAG_ALCAT_ECH_MD_MSG\Alarm text
aintenance demanded:@1W%t#7W@ -		

Totally Integrated Automation Portal		
English (United States)	Category	Reference
Maintenance demanded:@1W%t#7W@ HW_ID= @6W%5u@, @8W%t#7W@ chan- nel number @2W%5u@	System alarm text	4\SDIAG_ALCAT_CH_MD_MSG\Alarm text
Maintenance required: @1W%t#7W@ - @5W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_ESUB_MR_MSG\Alarm text
Maintenance required: @1W%t#7W@ HW_ID= @6W%5u@	System alarm text	4\SDIAG_ALCAT_SUB_MR_MSG\Alarm text
Maintenance required:@1W%t#7W@ - @5W%t#7W@ HW_ID= @6W%5u@, @8W %t#7W@ channel number @2W%5u@	System alarm text	4\SDIAG_ALCAT_ECH_MR_MSG\Alarm text
Maintenance required:@1W%t#7W@ HW_ID= @6W%5u@, @8W%t#7W@ chan- nel number @2W%5u@	System alarm text	4\SDIAG_ALCAT_CH_MR_MSG\Alarm text
Monitor	HMI runtime	cwiczenie0\HMI_1 [KTP400 Basic PN]\User administration\Monitor\Name
'Monitor' authorization.	HMI comment	cwiczenie0\HMI_1 [KTP400 Basic PN]\User administration\Monitor\Comment
Motion control	Text List Text Category	cwiczenie0\SYSTEM_AlarmServices_ProducerList\SMC\Entry
NA	Alarm class text	cwiczenie0\No Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName
Naped_ON	HMI screen	cwiczenie0\HMI_1 [KTP400 Basic PN]\Screens\Screen_1\Text field_4\Text
NavigateHome	HMI screen	cwiczenie0\HMI_1 [KTP400 Basic PN]\Screen management\Templates\Template_1\Tem

NavigateHome

'Operate' authorization.

Report system errors

System diagnostics

'Administrator' group.

ating' rights.
User administration

User program

User program

User program

%t#7W@ HW\_ID= @6W%5u@

Temporary CPU error: @1W%t#7W@ @5W

The user 'Administrator' is assigned to the

The 'Users' group is initially granted 'Oper-

Welcome to HMI\_1 (KTP400 Basic+ PN)!

The 'Administrator' group is initially granted HMI comment

Security

Start

Switch

Switch

SINUMERIK

0

0

0

O

HMI screen

Alarm text

Alarm text

Alarm text Alarm text

Alarm text

Alarm text

Alarm text

Alarm text

HMI screen

HMI screen

HMI runtime

HMI comment Alarm text

Text List Text Category

Text List Text Category

Text List Text Category

Text List Text Category

System alarm text

HMI comment

HMI comment

HMI runtime

HMI runtime

HMI screen

Text List Text Category

Text List Text Category

Text List Text Category

plate\_Button\_3\Text ON

plate\_Button\_3\Text OFF

edgment group text

cwiczenie0\HMI\_1 [KTP400 Basic PN]\Screen management\Templates\Template\_1\Tem-

cwiczenie0\HMI\_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\Text for "Out-

cwiczenieO\HMI\_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\Text for "Outgo-

cwiczenieO\HMI\_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\Text for "Outgoing"

cwiczenie0\HMI\_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\Text for "Outgoing"

cwiczenieO\HMI\_1 [KTP400 Basic PN]\Runtime settings\HmiAlarmSettingsData\Acknowl-

cwiczenie0\HMI\_1 [KTP400 Basic PN]\Screens\Screen\_1\Pushbutton\_Round\_G\Caption

cwiczenie0\HMI\_1 [KTP400 Basic PN]\Screens\Screen\_1\Pushbutton\_Emergency\Caption

cwiczenieO\HMI\_1 [KTP400 Basic PN]\User administration\Administrator group\Com-

cwiczenie0\HMI\_1 [KTP400 Basic PN]\User administration\Administrator\Comment

cwiczenie0\HMI\_1 [KTP400 Basic PN]\User administration\User administration\Name

cwiczenie0\HMI\_1 [KTP400 Basic PN]\Screens\Root screen\HmiScreenItemData\Text

cwiczenie0\HMI\_1 [KTP400 Basic PN]\User administration\Users\Comment

cwiczenie0\HMI\_1 [KTP400 Basic PN]\User administration\Users\Display name

cwiczenie0\HMI\_1 [KTP400 Basic PN]\HMI alarms\Errors\Text for "Outgoing"

cwiczenie0\HMI\_1 [KTP400 Basic PN]\HMI alarms\Warnings\Text for "Outgoing"

cwiczenie0\HMI\_1 [KTP400 Basic PN]\HMI alarms\System\Text for "Outgoing"

cwiczenie0\HMI\_1 [KTP400 Basic PN]\User administration\Operate\Name

alarmclass name not set\_3\AlarmClassData\_IDisplayNaming\_DisplayName

cwiczenie0\SYSTEM\_AlarmServices\_ProducerList\Rse\Entry

cwiczenie 0\SYSTEM\_Alarm Services\_Producer List\Security\Entry

cwiczenie0\SYSTEM\_AlarmServices\_ProducerList\SysDiag\Entry

cwiczenie 0\SYSTEM\_Alarm Services\_Producer List\lecpl\Entry

cwiczenie 0\SYSTEM\_Alarm Services\_Producer List\Alarming\Entry

cwiczenie0\SYSTEM\_AlarmServices\_ProducerList\Simotion\Entry

4\SDIAG\_ALCAT\_CPU\_TMPERR\_MSG\Alarm text

cwiczenie0\SYSTEM\_AlarmServices\_ProducerList\Sinumerik\Entry cwiczenie0\HMI\_1 [KTP400 Basic PN]\Screens\Screen\_1\Text field\_2\Text

cwiczenie0\HMI\_1 [KTP400 Basic PN]\User administration\Operate\Comment

Totally Integrated Automation Portal	
cwiczenie0 / Languages & resources	
Project graphics	
Down_Arrow	
Standard graphic	English (USA)
Dithering mode	
Same color  Smoothing	Same color
Unchecked	Unchecked
ExitRuntime_KTP400_Basic_PN_TR	
Standard graphic	English (USA)
0	0
Dithering mode Same color	Same color
Smoothing	
Unchecked	Unchecked
Home	
Standard graphic	English (USA)
Dithering mode	
Same color  Smoothing	Same color
Unchecked	Unchecked
Left_Arrow	
Standard graphic	English (USA)
Dithering mode Same color	Same color
Smoothing Unchecked	Unchecked
Navigate Home_KTP400_Basic_PN_TR	
Standard graphic	English (USA)
Dithering mode Same color	Same color
Smoothing	
Unchecked	Unchecked
Pushbutton_Emergency_Off_256c	
Standard graphic	English (USA)
Dithering mode	
Same color  Smoothing	Same color
Unchecked	Unchecked

Publisher Park  Publisher Park	Totally Integrated			
Handlard graphic    Polithering mode   Series color				
Districting made  Some color  Some color  Some color  Pushbutton, Round, G, OH, 256c  Standard graphic  Pushbutton, Round, G, On, 256c  Standard graphic  Pushbutton, Round, GN, Off, 256c  Standard graphic  Pushbutton, Round, GN, On, 256c  Standard graphic  Pishbutton, Round, GN, On, 256c		6c		
Serie color  - Amondring Unchecked    Unchecked   Unch	Standard graphic		English (USA)	
Serie color  - Amondring Unchecked    Unchecked   Unch				
Serie color  - Amondring Unchecked    Unchecked   Unch				
Serie color  - Amondring Unchecked    Unchecked   Unch				
Burshoutton, Round_G_Off_256c  Standard graphic  Dithering mode Stante color  Postboutton, Round_G_On_256c  Standard graphic  English (USA)  Pushbutton, Round_G_On_256c  Standard graphic  English (USA)  Dithering mode Stante color  Stante c			Same color	
Pushbutton_Round_G_Off_256c  Siane color  Dithering mode Same color  Same color  Dithering mode Same color  Same color  Dithering mode Same color			Linahaakad	
Standard graphic    Dithering mode   Same color			Опспескей	
Dithering mode   Same color			English (USA)	
Same color Same color Same color Same color Same color Unchecked Same color				
Same color Same color Same color Same color Same color Unchecked Same color				
Same color Same color Same color Same color Same color Unchecked Same color				
Unchecked Unchecked Unchecked Unchecked Unchecked    Dithering mode   Same color			Same color	
Pushbutton_Round_G_On_256c  Standard graphic English (USA)    Dithering mode   Same color   Same	<b>▶</b> Smoothing			
Standard graphic    Dithering mode			Unchecked	
Dithering made  Same color  Same color  Same color  Same color  Same color  Dithering made  Same color  Dithering made  Lunchecked  Unchecked  Unchecked  Unchecked  Unchecked  Lunchecked  Lunchecked  Lunchacked  Lunchacked  Lunchacked  Lunchacked  Lunchacked  Lunchacked  Lunchacked  Lunchacked  Lunchacked  Same color			English (USA)	
Same color  Same color  Smoothing Unchecked  Pushbutton_Round_GN_Off_256c  Standard graphic  Figlish (USA)  Dithering mode Same color Smoothing Unchecked Unchecked  Pushbutton_Round_GN_On_256c  Standard graphic  Figlish (USA)  Dithering mode Same color	Standard graphic		English (CST)	
Same color  Same color  Smoothing Unchecked  Pushbutton_Round_GN_Off_256c  Standard graphic  Figlish (USA)  Dithering mode Same color Smoothing Unchecked Unchecked  Pushbutton_Round_GN_On_256c  Standard graphic  Figlish (USA)  Dithering mode Same color				
Same color  Same color  Smoothing Unchecked  Pushbutton_Round_GN_Off_256c  Standard graphic  Figlish (USA)  Dithering mode Same color Smoothing Unchecked Unchecked  Pushbutton_Round_GN_On_256c  Standard graphic  Figlish (USA)  Dithering mode Same color				
Same color   Same color			Same color	
Pushbutton_Round_GN_Off_256c  Standard graphic    Dithering mode	Smoothing			
Standard graphic    Dithering mode   Same color   Same color			Unchecked	
Dithering mode  Same color  → Smoothing Unchecked  Pushbutton_Round_GN_On_256c  Standard graphic  English (USA)  Dithering mode Same color  → Smoothing Unchecked  Unchecked  Right_Arrow  Standard graphic  English (USA)  Same color  → Smoothing Unchecked  Right_Arrow  Standard graphic  English (USA)  Same color  → Smoothing  Standard graphic  English (USA)		, c	English (USA)	
Same color  Smoothing Unchecked  Pushbutton_Round_GN_On_256c  Standard graphic  English (USA)  Dithering mode Same color  Smoothing Unchecked  Unchecked  Right_Arrow  Standard graphic  English (USA)  Dithering mode Same color  Smoothing Unchecked  Right_Arrow  Standard graphic  English (USA)				
Same color  Smoothing Unchecked  Pushbutton_Round_GN_On_256c  Standard graphic  English (USA)  Dithering mode Same color  Smoothing Unchecked  Unchecked  Right_Arrow  Standard graphic  English (USA)  Dithering mode Same color  Smoothing Unchecked  Right_Arrow  Standard graphic  English (USA)				
Same color  Smoothing Unchecked  Pushbutton_Round_GN_On_256c  Standard graphic  English (USA)  Dithering mode Same color  Smoothing Unchecked  Unchecked  Right_Arrow  Standard graphic  English (USA)  Dithering mode Same color  Smoothing Unchecked  Right_Arrow  Standard graphic  English (USA)				
Smoothing   Unchecked   Unchecked			Same color	
Pushbutton_Round_GN_On_256c  Standard graphic	Smoothing			
Standard graphic    Dithering mode			Unchecked	
Dithering mode Same color Smoothing Unchecked Unchecked  Right_Arrow  Standard graphic  English (USA)  Dithering mode Same color Same color Same color Same color			English (USA)	
Same color  Standard graphic  English (USA)  Dithering mode  Same color  Same color  Same color				
Same color  Standard graphic  English (USA)  Dithering mode  Same color  Same color  Same color				
Same color  Standard graphic  English (USA)  Dithering mode  Same color  Same color  Same color				
Unchecked  Right_Arrow  Standard graphic  English (USA)  Dithering mode  Same color  Smoothing	Same color		Same color	
Right_Arrow  Standard graphic  English (USA)  Dithering mode  Same color  Smoothing			Unchacked	
Standard graphic  English (USA)  Dithering mode  Same color  Same color  Smoothing			Officience	
Same color  Same color  Same color			English (USA)	
Same color  Same color  Same color				
Same color  Same color  Same color				
Same color  Same color  Same color				
<b>▶</b> Smoothing				
	Same color		Same color	
			Unchecked	

Totally Integrated Automation Portal		
Up_Arrow Standard graphic	English (USA)	
Standard grapnic	English (USA)	
Dithering mode Same color	Same color	
Smoothing		
Unchecked	Unchecked	