ChemicalProcess

Table of contents

ChemicalProcess

PLC_1 [CPU 1511-1 PN]	4 - 1
Software units	5 - 1
Program blocks	
Main [OB1]	6 - 1
ProcessSequence [FB1]	7 - 1
ProcessSequence_DB [DB3]	8 - 1
FB_TestMode [FB9]	9 - 1
DB_TestMode [DB24]	10 - 1
System blocks	
Program resources	
MixTankMotorTImer [DB2]	11 - 1
Motors	
Generic Motors	
FC_Motor_Set [FC5]	12 - 1
FC_Motor_Reset [FC6]	13 - 1
FB_Motor [FB11]	14 - 1
Data Blocks	
DB_M001 [DB10]	15 - 1
DB_M002 [DB14]	16 - 1
DB_M003 [DB18]	17 - 1
Sensors	
Generic Blocks	
FC_Scale [FC2]	18 - 1
SensorScaling [FB3]	19 - 1
DataBlocks	
DB_Sensor_LI_515 [DB15]	20 - 1
Db_Sensor_TI_517 [DB16]	21 - 1
DB_Sensor_TI_518 [DB17]	22 - 1
DB_Sensor_WI_512 [DB12]	23 - 1
DB_Sensor_FIC_516 [DB4]	24 - 1
Valves	
Generic valves	
Valves [FC1]	25 - 1
FB_Valve [FB2]	26 - 1
DataBlock_Valves	
DB_GSV_510 [DB5]	27 - 1
DB_GSV_511 [DB6]	28 - 1
DB_GSV_514 [DB7]	29 - 1
DB_GSV_519 [DB8]	30 - 1
DB_GSV_521 [DB9]	31 - 1
Process	
Data Blocks	
DB_HMI [DB19]	32 - 1
DB_AutoMode [DB20]	33 - 1
DB_Fault [DB23]	34 - 1
DB_ManualMode [DB21]	35 - 1
DB_Stop [DB22]	36 - 1
Process FBs	
FB_HMI [FB8]	37 - 1
FB_Auto [FB4]	38 - 1
FB_EStop [FB6]	39 - 1
FB_Fault [FB7]	40 - 1
FB_Manual [FB5]	41 - 1
Technology objects	
DB _PID_Compact [DB11]	42 - 1
PID_Compact_1 [DB1]	43 - 1
PID_M003 [DB13]	44 - 1
PLC tags	
Default tag table [55]	
PLC tags	45 - 1
User constants	46 - 1
SIMIT interface [34]	
PLC tags	47 - 1
User constants	48 - 1
PLC data types	
System data types	49 - 1

Watch and force tables	
Force table	50 - 1
Traces	51 - 1
Measurements	52 - 1
Combined measurements	53 - 1
OPC UA communication	
Server interfaces	54 - 1
Client interfaces	55 - 1
PLC supervisions & alarms	
Supervisions	56 - 1
PLC alarms	57 - 1
System alarms	58 - 1
PLC alarm text lists	59 - 1
Local modules	
PS 25W 24VDC_1	60 - 1
PLC_1 [CPU 1511-1 PN]	61 - 1
DI 16x24VDC BA_1	62 - 1
DQ 16x24VDC/0.5A BA_1	63 - 1
AI 8xU/I/RTD/TC ST_1	64 - 1
AQ 2xU/I ST_1	65 - 1
DI 16x24VDC BA_2	66 - 1
HMI_1 [KTP700 Basic PN]	67 - 1
Runtime settings	68 - 1
Screens	
Different jobs	69 - 1
Project information	70 - 1
Root screen	71 - 1
SIMATIC PLC system diagnostics	72 - 1
System information	73 - 1
System screens	74 - 1
User administration	75 - 1
Screen management	
Templates	
Template_1	76 - 1
Global screen	77 - 1
HMI tags	
Default tag table [17]	78 - 1
Connections	79 - 1
HMI alarms	
Discrete alarms	80 - 1
Analog alarms	81 - 1
Alarm groups	82 - 1
Alarm classes	83 - 1
System events	84 - 1
Recipes	85 - 1
Historical data	
Datalogs	86 - 1
AlarmLogs	87 - 1
Scheduled tasks	88 - 1
Text and graphic lists	
Text lists	89 - 1
Graphic lists	90 - 1
User administration	
User	91 - 1
Groups	92 - 1
Authorizations	93 - 1
Ungrouped devices	94 - 1
Security settings	95 - 1
Cross-device functions	
Project traces	
Measurements	96 - 1
Common data	
Alarm classes	97 - 1
Logs	98 - 1
Styles	99 - 1
Languages & resources	
Project languages	100 - 1
Project texts	
Project texts	101 - 1

ChemicalProcess

Project							
Name:	ChemicalProcess	**Creation time:**	5/25/2021 7:32:50 AM	**Last change**	5/10/2026 3:31:40 PM	**Author:**	mika3
Last modified by:	amk1008619	**Version:**					
Comment:							

Operating system	
Name	**Description**
Operating system	Microsoft Windows 11 Enterprise
Version of the operating system	6.3.9600.0
Operating system service pack	
Version of the Internet Explorer	11.1882.26100.0
Computer name	avd-vlk-001
User name	HAMK\amk1008619
Installation path of the TIA Portal	C:\Program Files\Siemens\Automation\Portal V16

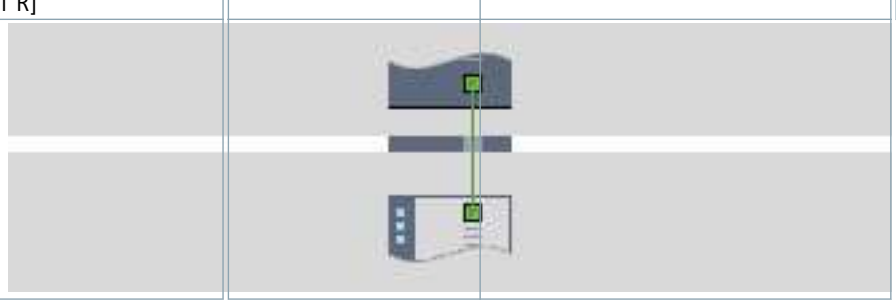
Components		
Name	**Version**	**Release**
TIA Portal Project Server V16 - TIA Portal Project Server Single SetupPackage V16.0 Upd5 (MUSERVERV16)	V16.0 + Upd5	V16.00.00.05_04.01.00.01
SIMATIC S7-PLCSIM (S7_PLCSIM_V16)	V16.0	V16.00.00.00_31.02.00.01
Siemens Totally Integrated Automation Portal V16 - SIMATIC S7-PLCSIM V16.0 + SP0 + Upd4 (S7_PLCSIM_V16)	V16.0 + SP0 + Upd4	V16.00.00.04_01.00.04.01
TIA Administrator - AWB Licensing Module V1.0 + SP8 (TIAADMIN)	V1.0 + SP8	V01.00.08.00_01.01.00.18
TIA Administrator - AWB Software Management V1.0 + SP8 (TIAADMIN)	V1.0 + SP8	V01.00.08.00_01.01.00.18
TIA Administrator - TIA UMC Agent Configurator Module V1.0 + SP8 (TIAADMIN)	V1.0 + SP8	V01.00.08.00_01.01.00.18
TIA Administrator - TIA Administrator V1.0 SP8 (TIAADMIN)	V1.0 + SP8	V01.00.08.00_01.01.00.18
Totally Integrated Automation Portal V16 - TIA Portal Single SetupPackage V16.0 (TIAP16)	V16.0 UPD8	V16.00.00.08_05.01.00.01
Siemens Totally Integrated Automation Portal V16 - HM All Editions Single SetupPackage V16.0 UPD8 (TIAP16)	V16.0 UPD8	V16.00.00.08_05.01.00.01
Siemens Totally Integrated Automation Portal V16 - HM NoBasic Single SetupPackage V16.0 UPD8 (TIAP16)	V16.0 UPD8	V16.00.00.08_05.01.00.01
Siemens Totally Integrated Automation Portal V16 - Hardware Support Base Package 0 V16.0 (TIAP16)	V16.0	V16.00.00.00_27.01.00.01
Siemens Totally Integrated Automation Portal V16 - Multiuser Client Single SetupPackage V16.0 UPD8 (TIAP16)	V16.0 UPD8	V16.00.00.08_05.01.00.01
Siemens Totally Integrated Automation Portal V16 - Version Control Interface SetupPackage V16.0 UPD8 (TIAP16)	V16.0 UPD8	V16.00.00.08_05.01.00.01
Siemens Totally Integrated Automation Portal V16 - STEP 7 Safety Single SetupPackage V16.0 UPD7 (TIAP16)	V16.0 UPD7	V16.00.00.07_04.01.00.02
Siemens Totally Integrated Automation Portal V16 - SINAMICS Startdrive G110M, G120, G120C, G120D, G120P, G115D V16.0 + Upd5 (TIAP16)	V16.0 + Upd5	V16.00.00.05_20.09.00.07
Siemens Totally Integrated Automation Portal V16 - Startdrive Hardware Support Base Package 1 V16.0 (TIAP16)	V16.0	V16.00.00.00_20.00.00.04
Siemens Totally Integrated Automation Portal V16 - SINAMICS-STARTDRIVE-COMMON V16.0 + Upd5 (TIAP16)	V16.0 + Upd5	V16.00.00.05_20.09.00.07
Siemens Totally Integrated Automation Portal V16 - SINAMICS-STARTDRIVE-COMMON-OPENNESS V16.0 + Upd5 (TIAP16)	V16.0 + Upd5	V16.00.00.05_20.09.00.07
Siemens Totally Integrated Automation Portal V16 - SINAMICS-STARTDRIVE-COMMON-SAT V16.0 + Upd5 (TIAP16)	V16.0 + Upd5	V16.00.00.05_20.09.00.07
Siemens Totally Integrated Automation Portal V16 - SINAMICS Startdrive G130, G150, S120, S150, SINAMICS MV V16.0 + Upd5 (TIAP16)	V16.0 + Upd5	V16.00.00.05_20.09.00.07
Siemens Totally Integrated Automation Portal V16 - STEP 7 Single SetupPackage V16.0 UPD8 (TIAP16)	V16.0 UPD8	V16.00.00.08_05.01.00.01
Siemens Totally Integrated Automation Portal V16 - Hardware Support Base Package 02 V16.0 (TIAP16)	V16.0	V16.00.00.00_27.01.00.01
Siemens Totally Integrated Automation Portal V16 - Hardware Support Base Package 03 V16.0 (TIAP16)	V16.0	V16.00.00.00_27.01.00.01
Siemens Totally Integrated Automation Portal V16 - Hardware Support Base Package 04 V16.0 (TIAP16)	V16.0	V16.00.00.00_27.01.00.01
Siemens Totally Integrated Automation Portal V16 - Support Base Package TO-01 V16.0 (TIAP16)	V16.0	V16.00.00.00_27.01.00.01
Siemens Totally Integrated Automation Portal V16 - Support Base Package TO-02 V16.0 (TIAP16)	V16.0	V16.00.00.00_27.01.00.01
Siemens Totally Integrated Automation Portal V16 - Hardware Support Base Package WCF-01 V16.0 (TIAP16)	V16.0	V16.00.00.00_27.01.00.01
Siemens Totally Integrated Automation Portal V16 - TIACOMPCHECK Single SetupPackage V16.0 + Upd8 (TIAP16)	V16.0 + Upd8	V16.00.00.08_05.01.00.01
Siemens Totally Integrated Automation Portal V16 - Simatic Single SetupPackage V16.0 UPD8 (TIAP16)	V16.0 UPD8	V16.00.00.08_05.01.00.01
Siemens Totally Integrated Automation Portal V16 - WinCC Single SetupPackage V16.0 UPD8 (TIAP16)	V16.0 UPD8	V16.00.00.08_05.01.00.01
Siemens Totally Integrated Automation Portal V16 - Openness SetupPackage V16.0 UPD8 (TIAP16)	V16.0 UPD8	V16.00.00.08_05.01.00.01
Siemens Totally Integrated Automation Portal V16 - WinCC Transfer Mandatory Single SetupPackage V16.0 UPD8 (TIAP16)	V16.0 UPD8	V16.00.00.08_05.01.00.01
User Management Component - UserManagementComponentx64 V2.7 Upd1 (UMC64)	V2.7 + Upd1	V02.07.00.01_01.02.00.02
WinCC Runtime Advanced V16.0 - SIMATIC WinCC Runtime Advanced V16.0 (HMIRTM_V11)	V16.0 UPD7	V16.00.00.07_04.01.00.02
WinCC Runtime Advanced V16.0 - HMIRTM Tagging Package 01 Single SetupPackage V16.0 UPD7 (HMIRTM_V11)	V16.0 UPD7	V16.00.00.07_04.01.00.02
PLCSIM Advanced Single SetupPackage - PLCSIM Advanced Single SetupPackage V3.0 Upd2 (PLCSIMADV)	V3.0 + Upd2	V03.00.00.02_08.01.00.02
SIMIT V9 - SIMIT V11.0 SP1 (SIMIT9)	V11.0 + SP1 +	V11.00.01.00_13.01.00.01

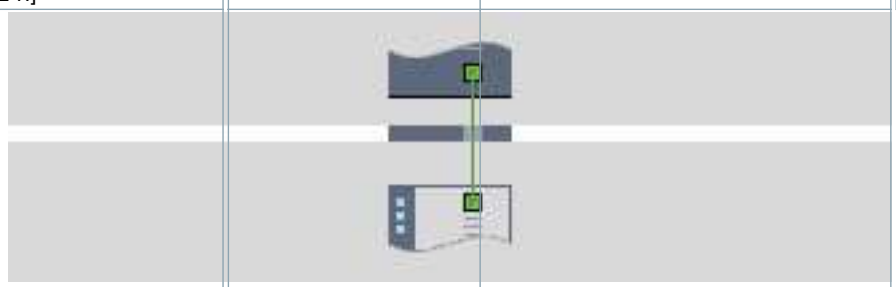
Name	Version	Release
Siemens SIMIT V9 - SIMIT Simulation Platform V11.0 + SP1 + (SIMIT9)	V11.0 + SP1 +	V11.00.01.00_13.01.00.01
Siemens SIMIT V9 - SIMIT SU V11.0 + + (SIMIT9)	V11.0 + +	V11.00.00.00_00.00.00.08
Siemens SIMIT V9 - SIMIT Virtual Controller V11.0 + SP1 + (SIMIT9)	V11.0 + SP1 +	V11.00.01.00_13.01.00.01
Siemens Totally Integrated Automation Portal V16 - Simatic Single Setup-Package 32 Bit V16.0 (TIAP16)	V16.0	V16.00.00.00_31.02.00.01
Siemens Totally Integrated Automation Portal V16 - WinCC Single Setup-Package 32 Bit V16.0 (TIAP16)	V16.0	V16.00.00.00_31.02.00.01
SIMATIC HMI License Manager Panel Plugin (x64)	16.0.0.1	V16.00.00.01_04.01.00.01
Automation Access Control Component x64	05.01	K05.01.02.00_00.00.00.02
SIMATIC WinCC Runtime Advanced Driver (x64)	16.0.0.0	V16.00.00.00_31.02.00.01
ETWEventCollector	16.0.0.0	V16.00.00.00_31.02.00.01
Installation Integrity Validator	1.12.18.0	V01.12.18.00_00.00.00.00
SIMATIC NCM FWL 64	5.6.0.3	K5.6.0.3_1.1.0.2
NCM GPRS 64	01.02.00.00	V1.2.0.0_2.1.0.1
SIMATIC PLCSIM 64	16.00.00	16.00.00.00_01.00.02.01
SIMATIC PLCSIM Advanced Driver64	3.0.0.2	V03.00.00.02_08.01.00.02
SIMATIC Device Drivers	9.2	09.02.06.00_01.01.00.09
TelemetryConnector	1.5.0.7	V01.05.00.07_01.00.00.01
Automation Access Control Component	05.01	K05.01.02.00_00.00.00.02
Automation Software Updater	02.05.0300	V02.05.03.00_01.01.00.29
SIEMENS OPC	3.9	03.09.10.00_01.04.00.08
SIMATIC PLCSIM Advanced SimRT	3.0.0.2	V03.00.00.02_08.01.00.02
SIMATIC HMI ProSave	16.0.0.1	V16.00.00.01_04.01.00.01
SIMATIC HMI Symbol Library	16.0.0.0	V16.00.00.00_31.02.00.01
SIMATIC HMI Touch Input	16.0.0.7	V16.00.00.07_04.01.00.02
SIMATIC Device Drivers WoW	29.2	29.02.06.00_01.01.00.09
SIMATIC Event Database	5.6	05.06.02.03_02.01.00.01
SeCon	2.9	V02.09.00.00_01.03.00.01
WinCC Runtime Advanced Simulator	16.0.0.0	V16.00.00.00_31.02.00.01

Products		
Name	**Version**	**Release**
TIA Portal Project Server	V16.0 Upd5	V16.00.00.05_04.01.00.01
SIMATIC S7-PLCSIM	V16.0 Upd4	V16.00.00.04_01.00.04.01
TIA Administrator	V1.0	01.00.08.00_01.01.00.18
SINAMICS G110M, G120, G120C, G120D, G120P, G115D	V16.0 Upd5	V16.00.00.05_20.09.00.07
SINAMICS G130, G150, S120, S150, SINAMICS MV, S210	V16.0 Upd5	V16.00.00.05_20.09.00.07
SIMATIC STEP 7 Prof - STEP 7 Safety - WinCC Adv	V16.0 Upd8	V16.00.00.08_05.01.00.01
User Management Component	V2.7 Upd1	V02.07.00.01_01.02.00.02
SIMATIC WinCC Runtime Advanced Simulation	V16.0 Upd7	V16.00.00.07_04.01.00.02
S7-PLCSIM Advanced	V3.0 Upd2	V03.00.00.02_08.01.00.02
SIMIT	V11.0.1.0	V11.00.01.00_13.01.00.01
SIMIT SU	V11.0.0.0	V11.00.00.00_00.00.00.08
SIMIT MCD Add-in	V11.0.1.0	V11.00.01.00_13.01.00.01
Automation License Manager	V6.2 + SP5	06.02.05.00_00.00.03.23
S7-PLCSIM	V5.4 + SP8	V05.04.08.01_01.24.00.01
SIMATIC ProSave	V16.0 Upd1	V16.00.00.01_04.01.00.01
PUD Manager Help Viewer	V2.1 + SP1 + Upd1	V02.01.01.01_01.00.00.03
S7-PCT	V3.5 + SP1	K3.5.1.0_1.19.0.1

ChemicalProcess

PLC_1 [CPU 1511-1 PN]

PLC_1					
General\Project information					
Name	PLC_1	**Author**	mika3	**Comment**	
Rack	0	**Slot**	1		
General\Catalog information					
Short designation	CPU 1511-1 PN	**Description**	CPU with display; work memory 150 KB code and 1 MB data; 60 ns bit operation time; 4-stage protection concept, technology functions: motion control, closed-loop control, counting and measuring; tracing; Runtime options; isochronous mode (central); for all PROFINET interfaces: transport protocol TCP/IP, secure Open User Communication, S7 communication, S7 routing, IP forwarding, Web server, DNS client, OPC UA: Server DA, Client DA, methods, companion specifications; PROFINET IO controller, supports RT/IRT, performance upgrade PROFINET V2.3, 2 ports, I-Device, MRP, MRPD, isochronous mode; firmware V2.8	**Article number**	6ES7 511-1AK01-0AB0
Firmware version	V2.8				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2021-05-25 07:35:19.863
Additional information					
General\Checksums					
Text lists	CB 3F BA AA D7 54 DC 4F	**Software**	Not available (compile necessary)		
PROFINET interface [X1]\General					
Name	PROFINET interface_1	**Author**	mika3	**Comment**	
PROFINET interface [X1]\Ethernet addresses\Interface networked with					
Subnet:	PN/IE_1				
PROFINET interface [X1]\Ethernet addresses\IP protocol					
IP configuration	Set IP address in the project	**IP address:**	192.168.0.1	**Subnet mask:**	255.255.255.0
Use router	False				
PROFINET interface [X1]\Ethernet addresses\PROFINET					
PROFINET device name is set directly at the device	False	**Generate PROFINET device name automatically**	True	**PROFINET device name:**	plc_1.profinet interface_1
Converted name:	plcxb1.profinetxainterfacexb1036c	**Device number:**	0		
PROFINET interface [X1]\Time-of-day synchronization\NTP mode					
Note	Time synchronization for all PROFINET interfaces take place within the settings for time synchronization of the PROFINET interface [X1].	**Enable time synchronization via NTP server**	False		IP addresses
Server 1	0.0.0.0	**Server 2**	0.0.0.0	**Server 3**	0.0.0.0
Server 4	0.0.0.0	**Update interval**	10s		
PROFINET interface [X1]\Operating mode					
IO controller	True	**IO system**		**Device number**	0
IO device	False				
PROFINET interface [X1]\Advanced options\Interface options					
Call the user program if communication errors occur	False	**Support device replacement without exchangeable medium**	True	**Permit overwriting of device names of all assigned IO devices**	False
Limit data infeed into the network	True	**Use IEC V2.2 LLDP mode**	False	**Keep-Alive connection monitoring:**	30s
PROFINET interface [X1]\Advanced options\Media redundancy					
MRP domain	mrpdomain-1	**Media redundancy role:**	Not device in the ring		
PROFINET interface [X1]\Advanced options\Real time settings\IO communication					
Send clock:	1.000ms				
PROFINET interface [X1]\Advanced options\Real time settings\Synchronization					
Sync domain:	Sync-Domain_1	**Synchronization role:**	Unsynchronized	**RT class:**	RT,IRT
PROFINET interface [X1]\Advanced options\Real time settings\Real time options					
Calculated bandwidth for cyclic IO data:	0.000ms	**Calculated bandwidth for cyclic IO data:**	0.000%		
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\General					
Name	Port_1	**Author**	mika3	**Comment**	
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port interconnection\Local port:					
Local port:	PLC_1\PROFINET interface_1 [X1]\Port_1 [X1 P1 R]	**Medium:**	Copper	**Cable name:**	---
					

PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port interconnection\Partner port:					
	Monitoring of partner port is not possible	**Alternative partners**	False	**Partner port:**	Any partner
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port options\Boundaries					
End of detection of accessible devices	False	**End of topology discovery**	False	**End of the sync domain**	False
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\General					
Name	Port_2	**Author**	mika3	**Comment**	
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port interconnection\Local port:					
Local port:	PLC_1\PROFINET interface_1 [X1]\Port_2 [X1 P2 R]	**Medium:**	Copper	**Cable name:**	---
					
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port interconnection\Partner port:					
	Monitoring of partner port is not possible	**Alternative partners**	False	**Partner port:**	Any partner
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port options\Boundaries					
End of detection of accessible devices	False	**End of topology discovery**	False	**End of the sync domain**	False
PROFINET interface [X1]\Web server access					
Note	The Web server must also be activated in the properties of the PLC.	**Enable Web server via IP address of this interface**	False		
Startup					
Startup after POWER ON	Warm restart - Operating mode before POWER OFF	**Comparison preset to actual configuration**	Startup CPU even if mismatch	**Configuration time**	60000ms
Cycle					
Maximum cycle time	150ms			**Enable minimum cycle time for cyclic OBs**	True
Minimum cycle time	1ms				
Communication load					
Cycle load due to communication	50%				
System and clock memory\System memory bits					
Enable the use of system memory byte	False	**Address of system memory byte (MBx)**	1	**First cycle**	
Diagnostic status changed		**Always 1 (high)**		**Always 0 (low)**	
System and clock memory\Clock memory bits					
Enable the use of clock memory byte	False	**Address of clock memory byte (MBx)**	0	**10 Hz clock**	
5 Hz clock		**2.5 Hz clock**		**2 Hz clock**	
1.25 Hz clock		**1 Hz clock**		**0.625 Hz clock**	
0.5 Hz clock					
SIMATIC Memory Card\Diagnostics					
Aging of the SIMATIC memory card	False	**Threshold value**	80%		
System diagnostics\General					
Activate system diagnostics for this device	True	**Report network faults as maintenance instead of fault**	False		
PLC alarms\General					
Central alarm management in the PLC	True				
Web server\General					
Activate web server on this module	False	**Permit access only with HTTPS**	True		
Web server\Automatic update					
Enable automatic update	True	**Update interval**	0s		

Web server\User management

User name	User rights
Everybody	

Web server\User-defined web pages

Application name	HTML source path	Default HTML page	Files with dynamic content	Web DB number	Fragment DB number
		index.htm	.htm;.html	333	334

Web server\Overview of interfaces

Device	Interface	Enabled web server access
PLC_1	PROFINET interface_1	False

Display\General\Display standby mode					
Time to standby mode	30 minutes				
Display\General\Energy saving mode					
Time to energy saving mode	15 minutes				
Display\General\Display language					
Default language on display	English				
Display\Automatic update					
Time to update	5 seconds				
Display\Password\Display protection					
Enable write access	True	**Enable display protection**	False		
Display\User-defined logo					
User logo activated	False	**Adapt logo**	False	**Resolution**	128x120
Company logo	---				

User interface languages

Assign project language	User interface languages
English (United States)	German
English (United States)	English
English (United States)	French
English (United States)	Spanish
English (United States)	Italian
English (United States)	Japanese
English (United States)	Chinese (simplified)
English (United States)	Korean
English (United States)	Russian
English (United States)	Turkish
English (United States)	Portuguese (Brazil)

Time of day\Local time					
Time zone	(UTC) Dublin, Edinburgh, Lisbon, London				
Time of day\Daylight saving time					
Activate daylight saving time	True	**Difference between standard and daylight saving time**	60mins		
Time of day\Daylight saving time\Start of daylight saving time					
Selection of the week	Last	**Selection of the weekday**	Sunday	**of**	March
at	01:00 a.m.				
Time of day\Daylight saving time\Start of standard time					
Selection of the week	Last	**Selection of the weekday**	Sunday	**of**	October
at	02:00 a.m.				
Protection					
Level of protection	Full access (no protection)				
Protection\Connection mechanisms					
Permit access with PUT/GET communication from remote partner	False				
Protection\Security event					
Summarize security events in case of high message volume	True	**Length of an interval**	20	**Unit**	seconds
OPC UA\Accessibility of the server					
Activate OPC UA server	False				
System power supply\General					
General	Connection to supply voltage L+				

System power supply\Power segment overview

Module	Slot	Supply/consumption
PS 25W 24VDC_1	0	25.00W
PLC_1	1	10.00W
DI 16x24VDC BA_1	2	-1.05W
DQ 16x24VDC/0.5A BA_1	3	-1.15W
AI 8xU/I/RTD/TC ST_1	4	-0.70W
AQ 2xU/I ST_1	5	-0.65W
DI 16x24VDC BA_2	6	-1.05W
	Summary	30.40W

Advanced configuration\DNS configuration					
No DNS server address is configured.					
Advanced configuration\IP Forwarding\Configuration IPv4 Forwarding					
Enable IPv4 forwarding for interfaces of this PLC	False				
Advanced configuration\Configuration control\Configuration control for central configuration					
Allow reconfiguration of device via the user program	False				

Connection resources\				
	Station resources - Reserved - Maximum	**Station resources - Reserved - Configured**	**Station resources - Dynamic - Configured**	**Module resources - PLC_1 [CPU 1511-1 PN] - Configured**
Maximum number of resources:		10	54	64
	Maximum	Configured	Configured	Configured
PG communication:	4	-	-	-
HMI communication:	4	1	0	1
S7 communication:	0	-	0	0
Open user communication:	0	-	0	0
Web communication:	2	-	-	-
OPC UA client/server communication:	0	-	-	-
Other communication:	-	-	0	0
Total resources used:		1	0	1
Available resources:		9	54	63

Overview of addresses\Overview of addresses\Overview of addresses					
Inputs	True	**Outputs**	True	**Address gaps**	False
Slot	True				

Type	Addr. from	Addr. to	Module	PIP	OB	Device name	Device number	Size	Master / IO system	Rack	Slot
I	0	1	DI 16x24VDC BA_1	Automatic update	-	PLC_1 [CPU 1511-1 PN]	-	2 Bytes	-	0	2
O	0	1	DQ 16x24VDC/0.5A BA_1	Automatic update	-	PLC_1 [CPU 1511-1 PN]	-	2 Bytes	-	0	3
I	2	17	AI 8xU/I/RTD/TC ST_1	Automatic update	-	PLC_1 [CPU 1511-1 PN]	-	16 Bytes	-	0	4
O	2	5	AQ 2xU/I ST_1	Automatic update	-	PLC_1 [CPU 1511-1 PN]	-	4 Bytes	-	0	5
I	18	19	DI 16x24VDC BA_2	Automatic update	-	PLC_1 [CPU 1511-1 PN]	-	2 Bytes	-	0	6

Runtime licenses\OPC UA\Runtime licenses			
Type of required license	None	**Type of purchased license**	No license

Runtime licenses\ProDiag\Supervisions	
Number of used supervisions	0

Runtime licenses\ProDiag\Runtime licenses			
Number of required licenses	None (<= 25 supervisions)	**Used ProDiag licenses**	No license

Runtime licenses\Energy Suite\Energy objects	
Number of configured energy objects	0

Runtime licenses\Energy Suite\Runtime licenses	
Total number of licensed energy objects	0

Runtime licenses\Energy Suite\Runtime licenses\Number of purchased licenses			
License type '5 energy objects'	No license	**License type '10 energy objects'**	No license

ChemicalProcess / PLC_1 [CPU 1511-1 PN]

Software units

This folder is empty.

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks

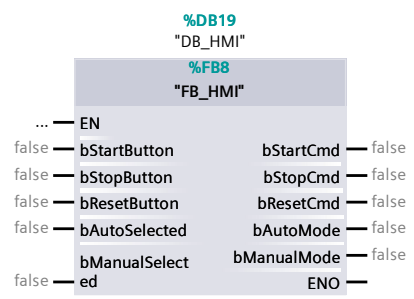
Main [OB1]

Main Properties							
General							
Name	Main	**Number**	1	**Type**	OB	**Language**	FBD
Numbering	Automatic						
Information							
Title	"Main Program Sweep (Cycle)"	**Author**		**Comment**	This is where physical world meets the digital world. Main cyclic control block. Calls HMI handling, operating modes, safety/fault logic, sensor scaling, actuator control, and process sequence in defined order.	**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Initial_Call	Bool		Initial call of this OB
Remanence	Bool		=True, if remanent data are available
Temp			
Scaled_WI512	Real		WT/WI-512 sensor´s scaled value.
Scaled_LI515	Real		LT/LI-515 sensor´s scaled value
Scaled_TI517	Real		TT/TI-517 sensor´s scaled value
Scaled_TI518	Real		TT/TI-518 sensor´s scaled value
Scaled_FIC516	Real		Current sensor for PumpM003
M003ScaledStatus	Word		
Constant			

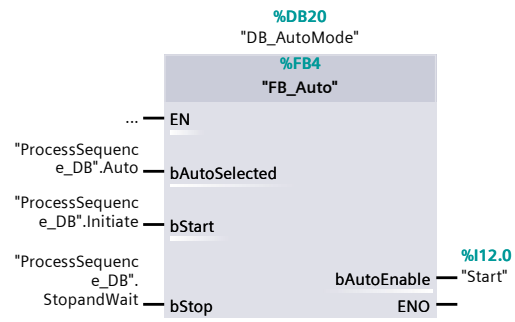
Network 1: HMI

Not in use for now. Reads operator commands and prepares start, stop, reset, auto/manual selections.



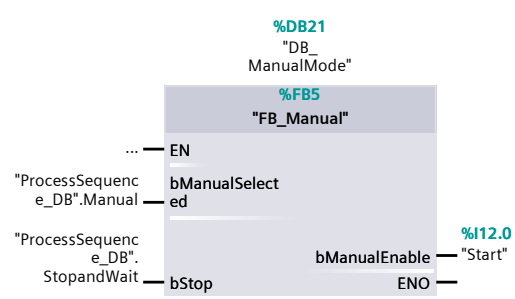
Network 2: Automode

Creates automatic operation enable signal from HMI mode selection and start/stop commands.



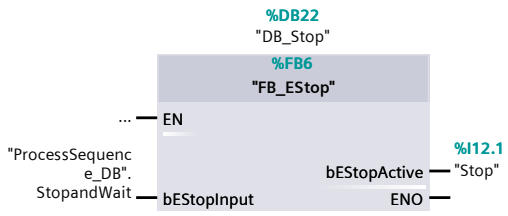
Network 3: ManualMode

Creates manual operation enable signal for direct operator-controlled device operation.



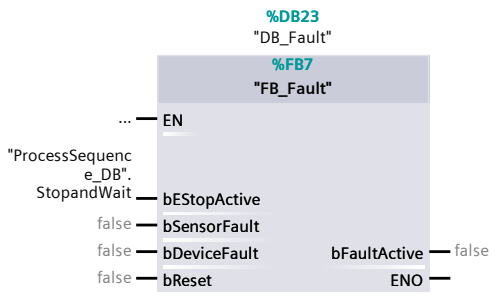
Network 4: Emergency Stop

Processes emergency stop input and creates global emergency stop active signal.



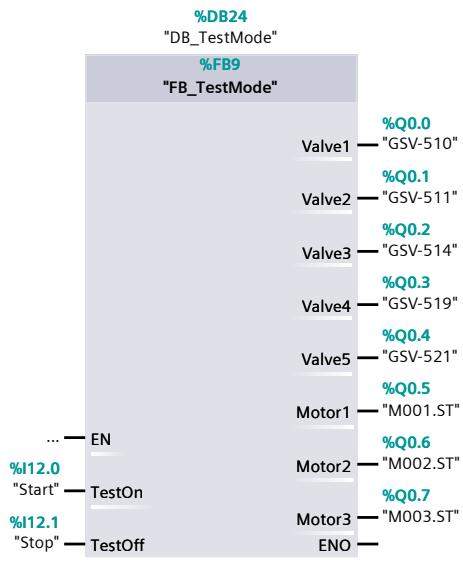
Network 5: Fault

Collects process, device, sensor, and emergency stop faults into one fault status.



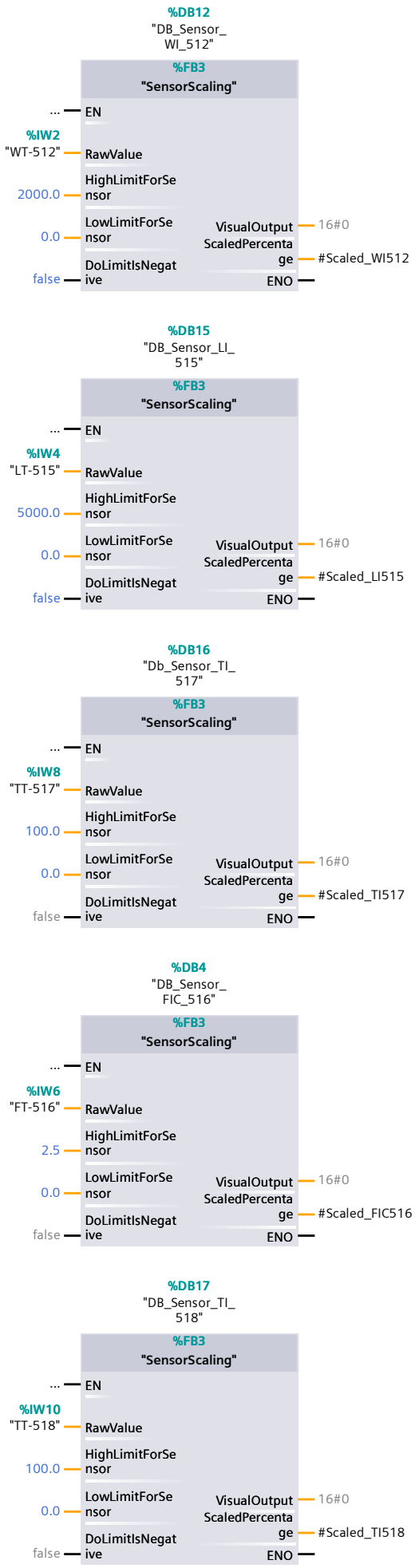
Network 6: TestMode

Creates global all outputs ON/OFF test commands.

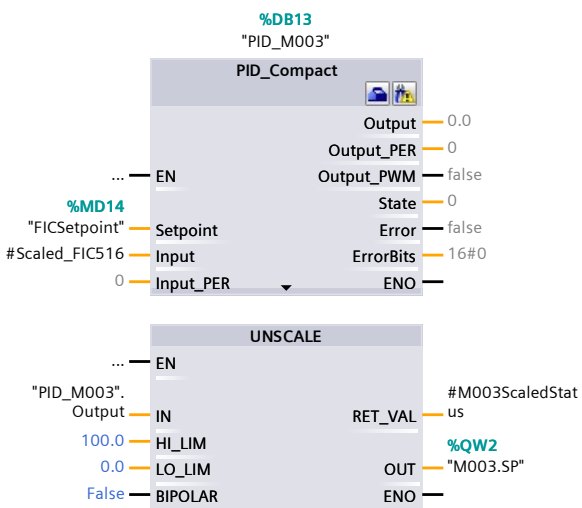


Network 7: Sensors Scalings

Scales raw analog sensor values into engineering units for process logic.

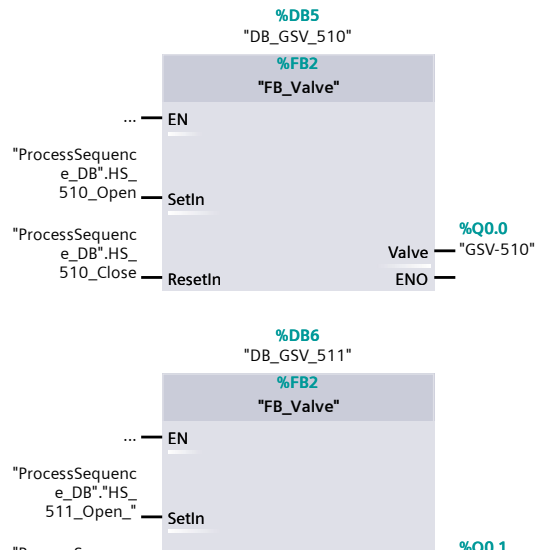


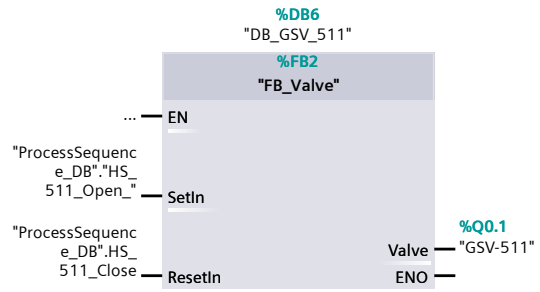
Network 8: PID FIC-516 /M003

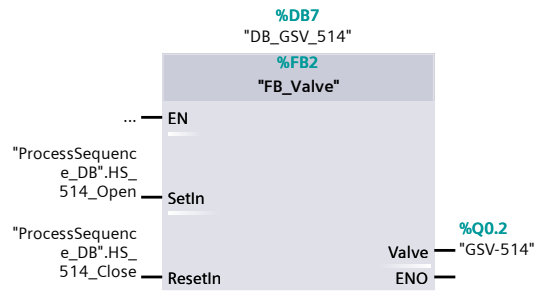


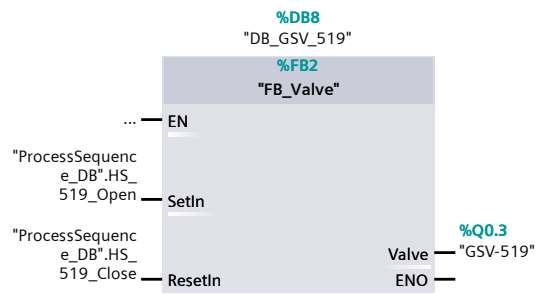
Network 9: Valves

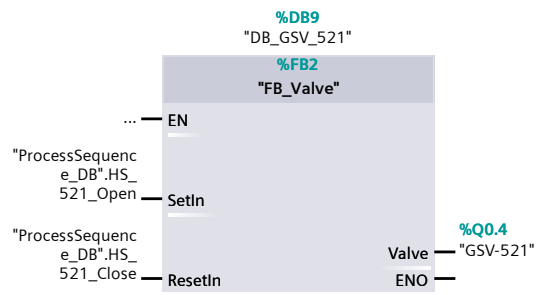
Calls valve FB instances and maps sequence/manual commands to physical valve outputs.





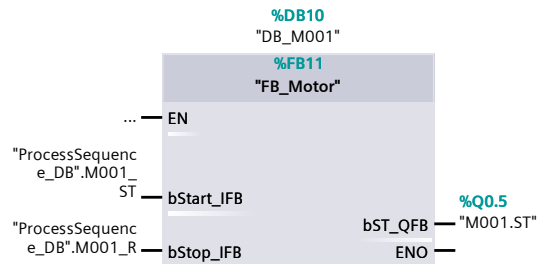


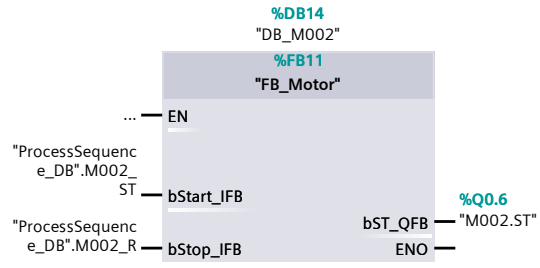


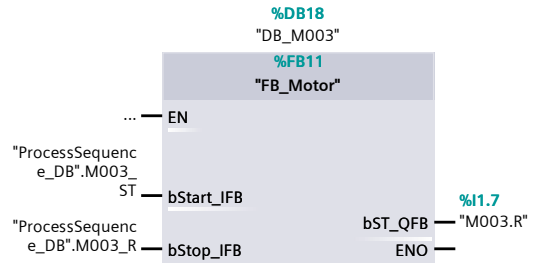


Network 10: Motors

Calls motor FB instances and maps sequence/manual commands to physical motor outputs.

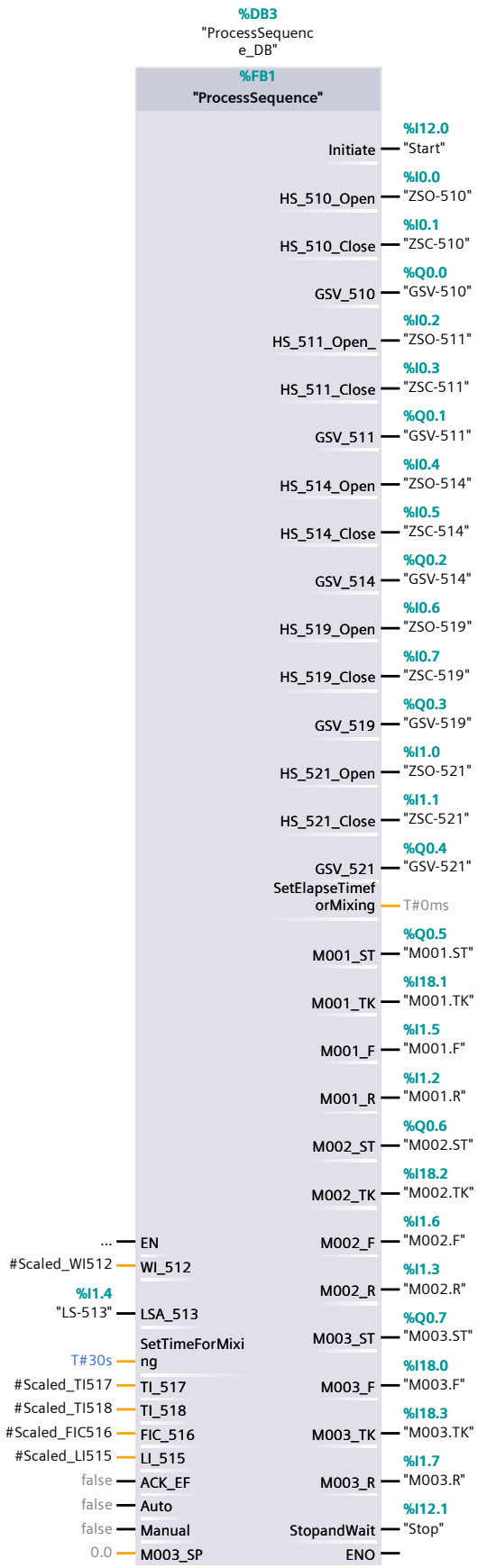






Network 11: Process Sequence

Runs GRAPH process sequence for automatic batch operation.



Network 12: Spare/Future Expansion

Reserved for future PID, VFD, alarms, diagnostics, or reporting logic.

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks

ProcessSequence [FB1]

ProcessSequence Properties							
General							
Name	ProcessSequence	**Number**	1	**Type**	FB	**Language**	GRAPH
Numbering	Automatic	**Network language**	LAD	**Block version**	V6.0		
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
WI_512	Real	0.0	Non-retain	True	True	True	False		WT-512 is Weight Sensor and connected in OB
LSA_513	Bool	false	Non-retain	True	True	True	False		LS-513 Powder Low level Button
SetTimeForMixing	Time	T#0ms	Non-retain	True	True	True	False		MIx Tank Motor timing
TI_517	Real	0.0	Non-retain	True	True	True	False		
TI_518	Real	0.0	Non-retain	True	True	True	False		
FIC_516	Real	0.0	Non-retain	True	True	True	False		FIC-516 is Pressure sensor Integrated with M003
LI_515	Real	0.0	Non-retain	True	True	True	False		LT-515 Level indicative sensor
ACK_EF	Bool	false	Non-retain	False	False	False	False		Acknowledge all errors and faults
Auto	Bool	false	Non-retain	True	True	True	False		Automode makes sytem run automatically until pressed stop.
Manual	Bool	false	Non-retain	True	True	True	False		Manual mode make user start everytime time the storage tank is emptied.
M003_SP	Real	0.0	Non-retain	True	True	True	False		PIDTulo
Output									
Initiate	Bool	false	Non-retain	True	True	True	False		Start initiates the program
HS_510_Open	Bool	false	Non-retain	True	True	True	False		ZSC-510 is Valve open signal GSV-510.
HS_510_Close	Bool	false	Non-retain	True	True	True	False		ZSC-510 Valve close signal for GSV-510.
GSV_510	Bool	false	Non-retain	True	True	True	False		GSV_510 Valve
HS_511_Open_	Bool	false	Non-retain	True	True	True	False		ZSO-511 is Valve open signal GSV-511.
HS_511_Close	Bool	false	Non-retain	True	True	True	False		ZSC-511 Valve close signal
GSV_511	Bool	false	Non-retain	True	True	True	False		GSV-511 Valve
HS_514_Open	Bool	false	Non-retain	False	False	False	False		ZSO-514 is Valve open signal for GSV-514
HS_514_Close	Bool	false	Non-retain	True	True	True	False		ZSC-514 is valve close signal for GSV-514
GSV_514	Bool	false	Non-retain	True	True	True	False		Valve GSV-514.
HS_519_Open	Bool	false	Non-retain	True	True	True	False		ZSO-519 is valve open signal for GSV-519
HS_519_Close	Bool	false	Non-retain	False	False	False	False		ZSC-519 is Valve close signal for GSV-519
GSV_519	Bool	false	Non-retain	True	True	True	False		
HS_521_Open	Bool	false	Non-retain	True	True	True	False		ZSO-521 valve open signal for GSV-521
HS_521_Close	Bool	false	Non-retain	True	True	True	False		ZSC-521 close valve signal for GSV_521
GSV_521	Bool	false	Non-retain	True	True	True	False		
SetElapseTimeforMixing	Time	T#0ms	Non-retain	True	True	True	False		Elaspse time for mix tank motor
M001_ST	Bool	false	Non-retain	False	False	False	False		M001.ST is Powder Motor start signal.
M001_TK	Bool	false	Non-retain	True	True	True	False		M001.TK is Temperature protection of POwder Motor.
M001_F	Bool	false	Non-retain	True	True	True	False		M001.F fault signal of Powder Motor
M001_R	Bool	false	Non-retain	True	True	True	False		Reset of Powder Motor
M002_ST	Bool	false	Non-retain	True	True	True	False		M002.ST is Mixtank Motor signal.
M002_TK	Bool	false	Non-retain	True	True	True	False		
M002_F	Bool	false	Non-retain	True	True	True	False		Mator Fault signal For Mix Tank motor
M002_R	Bool	false	Non-retain	True	True	True	False		Reset for Mixing Motor
M003_ST	Bool	false	Non-retain	True	True	True	False		M003.ST is Start signal of Motor M003
M003_F	Bool	false	Non-retain	True	True	True	False		M003.F is Fault signal of Motor M003

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
M003_TK	Bool	false	Non-retain	True	True	True	False		M003.TK isTemperature protection signal of Motor M003
M003_R	Bool	false	Non-retain	False	False	False	False		M003.R is Reset signal of Motor M003
StopandWait	Bool	false	Non-retain	True	True	True	False		Stop the Process and goest back S and wait until pressed start manually
InOut									
Static									
RT_DATA	G7_RTData-Plus_V6		Non-retain	False	False	False	True		Internal data area
VERSION	String[10]	'V6.0'	Non-retain	False	False	False	False		
S_DISPLAY	Int	0	Non-retain	False	False	False	False		
S_SEL_OLD	Int	0	Non-retain	False	False	False	False		
S_DISPIDX	USInt	255	Non-retain	False	False	False	False		
T_DISPIDX	USInt	255	Non-retain	False	False	False	False		
MOP_EDGE	G7_MOP-Plus_V6		Non-retain	False	False	False	True		
AUTO	Bool	false	Non-retain	False	False	False	False		
MAN	Bool	false	Non-retain	False	False	False	False		
TAP	Bool	false	Non-retain	False	False	False	False		
TOP	Bool	false	Non-retain	False	False	False	False		
ACK_S	Bool	false	Non-retain	False	False	False	False		
REG_S	Bool	false	Non-retain	False	False	False	False		
T_PREV	Bool	false	Non-retain	False	False	False	False		
T_NEXT	Bool	false	Non-retain	False	False	False	False		
LOCK	Bool	false	Non-retain	False	False	False	False		
SUP	Bool	false	Non-retain	False	False	False	False		
ACKREQ	Bool	false	Non-retain	False	False	False	False		
SSKIP	Bool	false	Non-retain	False	False	False	False		
OFF	Bool	false	Non-retain	False	False	False	False		
INIT	Bool	false	Non-retain	False	False	False	False		
HALT	Bool	false	Non-retain	False	False	False	False		
TMS_HALT	Bool	false	Non-retain	False	False	False	False		
OPS_ZERO	Bool	false	Non-retain	False	False	False	False		
SACT_DISP	Bool	false	Non-retain	False	False	False	False		
SEF_DISP	Bool	false	Non-retain	False	False	False	False		
SALL_DISP	Bool	false	Non-retain	False	False	False	False		
S_PREV	Bool	false	Non-retain	False	False	False	False		
S_NEXT	Bool	false	Non-retain	False	False	False	False		
S_SELOK	Bool	false	Non-retain	False	False	False	False		
S_ON	Bool	false	Non-retain	False	False	False	False		
S_OFF	Bool	false	Non-retain	False	False	False	False		
T_PUSH	Bool	false	Non-retain	False	False	False	False		
REG	Bool	false	Non-retain	False	False	False	False		
ACK	Bool	false	Non-retain	False	False	False	False		
IL_PERM	Bool	false	Non-retain	False	False	False	False		
T_PERM	Bool	false	Non-retain	False	False	False	False		
ILP_MAN	Bool	false	Non-retain	False	False	False	False		
LMODE	Bool	false	Non-retain	False	False	False	False		
RESET_CRIT	Bool	false	Non-retain	False	False	False	False		
MOP	G7_MOP-Plus_V6		Non-retain	False	False	False	True		
AUTO	Bool	true	Non-retain	False	False	False	False		
MAN	Bool	false	Non-retain	False	False	False	False		
TAP	Bool	false	Non-retain	False	False	False	False		
TOP	Bool	false	Non-retain	False	False	False	False		
ACK_S	Bool	false	Non-retain	False	False	False	False		
REG_S	Bool	false	Non-retain	False	False	False	False		
T_PREV	Bool	false	Non-retain	False	False	False	False		
T_NEXT	Bool	false	Non-retain	False	False	False	False		
LOCK	Bool	true	Non-retain	False	False	False	False		
SUP	Bool	true	Non-retain	False	False	False	False		
ACKREQ	Bool	true	Non-retain	False	False	False	False		
SSKIP	Bool	false	Non-retain	False	False	False	False		
OFF	Bool	false	Non-retain	False	False	False	False		
INIT	Bool	true	Non-retain	False	False	False	False		
HALT	Bool	false	Non-retain	False	False	False	False		
TMS_HALT	Bool	false	Non-retain	False	False	False	False		
OPS_ZERO	Bool	false	Non-retain	False	False	False	False		
SACT_DISP	Bool	true	Non-retain	False	False	False	False		
SEF_DISP	Bool	false	Non-retain	False	False	False	False		
SALL_DISP	Bool	false	Non-retain	False	False	False	False		
S_PREV	Bool	false	Non-retain	False	False	False	False		

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
S_NEXT	Bool	false	Non-retain	False	False	False	False		
S_SELOK	Bool	false	Non-retain	False	False	False	False		
S_ON	Bool	false	Non-retain	False	False	False	False		
S_OFF	Bool	false	Non-retain	False	False	False	False		
T_PUSH	Bool	false	Non-retain	False	False	False	False		
REG	Bool	false	Non-retain	False	False	False	False		
ACK	Bool	false	Non-retain	False	False	False	False		
IL_PERM	Bool	false	Non-retain	False	False	False	False		
T_PERM	Bool	false	Non-retain	False	False	False	False		
ILP_MAN	Bool	false	Non-retain	False	False	False	False		
LMODE	Bool	false	Non-retain	False	False	False	False		
RESET_CRIT	Bool	false	Non-retain	False	False	False	False		
TIME_DELTA	Time	T#0ms	Non-retain	False	False	False	False		
SQ_FLAGS	G7_SQFlags-Plus_V6		Non-retain	False	False	False	True		
ERR_FLT	Bool	false	Non-retain	False	False	False	False		
ERROR	Bool	false	Non-retain	False	False	False	False		
FAULT	Bool	false	Non-retain	False	False	False	False		
RT_FAIL	Bool	false	Non-retain	False	False	False	False		
NO_SNO	Bool	false	Non-retain	False	False	False	False		
NF_OFL	Bool	false	Non-retain	False	False	False	False		
SA_OFL	Bool	false	Non-retain	False	False	False	False		
TV_OFL	Bool	false	Non-retain	False	False	False	False		
NO_SWI	Bool	false	Non-retain	False	False	False	False		
CYC_OP	Bool	false	Non-retain	False	False	False	False		
AS_MSG	Bool	true	Non-retain	False	False	False	False		
SQ_BUSY	Bool	false	Non-retain	False	False	False	False		
SA_BUSY	Bool	false	Non-retain	False	False	False	False		
PRE_CNT	USInt	1	Non-retain	False	False	False	False		
POST_CNT	USInt	1	Non-retain	False	False	False	False		
SQ_CNT	USInt	1	Non-retain	False	False	False	False		
S_CNT	USInt	18	Non-retain	False	False	False	False		
LOCK_CNT	USInt	17	Non-retain	False	False	False	False		
SUP_CNT	USInt	0	Non-retain	False	False	False	False		
T_CNT	USInt	12	Non-retain	False	False	False	False		
SQ_PART_CNT	USInt	17	Non-retain	False	False	False	False		
MAX_TVAL	USInt	15	Non-retain	False	False	False	False		
MAX_SACT	USInt	15	Non-retain	False	False	False	False		
AS_MSG	Byte	16#65	Non-retain	False	False	False	False		
EXEC_BITS	Array[0..249] of Bool		Non-retain	False	False	False	False		
EXEC_BITS[0]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[1]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[2]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[3]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[4]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[5]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[6]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[7]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[8]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[9]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[10]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[11]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[12]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[13]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[14]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[15]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[16]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[17]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[18]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[19]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[20]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[21]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[22]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[23]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[24]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[25]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[26]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[27]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[28]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[29]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[30]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[31]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[32]	Bool	false	Non-retain	False	False	False	False		

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
EXEC_BITS[33]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[34]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[35]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[36]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[37]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[38]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[39]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[40]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[41]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[42]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[43]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[44]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[45]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[46]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[47]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[48]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[49]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[50]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[51]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[52]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[53]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[54]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[55]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[56]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[57]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[58]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[59]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[60]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[61]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[62]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[63]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[64]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[65]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[66]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[67]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[68]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[69]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[70]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[71]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[72]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[73]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[74]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[75]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[76]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[77]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[78]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[79]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[80]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[81]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[82]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[83]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[84]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[85]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[86]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[87]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[88]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[89]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[90]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[91]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[92]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[93]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[94]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[95]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[96]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[97]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[98]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[99]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[100]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[101]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[102]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[103]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[104]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[105]	Bool	false	Non-retain	False	False	False	False		

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
EXEC_BITS[106]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[107]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[108]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[109]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[110]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[111]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[112]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[113]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[114]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[115]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[116]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[117]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[118]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[119]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[120]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[121]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[122]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[123]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[124]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[125]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[126]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[127]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[128]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[129]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[130]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[131]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[132]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[133]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[134]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[135]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[136]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[137]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[138]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[139]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[140]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[141]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[142]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[143]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[144]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[145]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[146]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[147]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[148]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[149]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[150]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[151]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[152]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[153]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[154]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[155]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[156]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[157]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[158]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[159]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[160]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[161]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[162]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[163]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[164]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[165]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[166]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[167]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[168]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[169]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[170]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[171]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[172]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[173]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[174]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[175]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[176]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[177]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[178]	Bool	false	Non-retain	False	False	False	False		

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
EXEC_BITS[179]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[180]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[181]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[182]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[183]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[184]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[185]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[186]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[187]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[188]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[189]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[190]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[191]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[192]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[193]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[194]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[195]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[196]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[197]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[198]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[199]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[200]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[201]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[202]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[203]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[204]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[205]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[206]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[207]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[208]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[209]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[210]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[211]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[212]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[213]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[214]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[215]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[216]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[217]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[218]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[219]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[220]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[221]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[222]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[223]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[224]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[225]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[226]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[227]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[228]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[229]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[230]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[231]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[232]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[233]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[234]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[235]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[236]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[237]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[238]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[239]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[240]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[241]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[242]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[243]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[244]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[245]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[246]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[247]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[248]	Bool	false	Non-retain	False	False	False	False		
EXEC_BITS[249]	Bool	false	Non-retain	False	False	False	False		
▼ OFFSETS	G7_Offsets-Plus_V6		Non-retain	False	False	False	True		

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
SINI_OFFSET	UInt	0	Non-retain	False	False	False	False		
LSTT_OFFSET	UInt	16	Non-retain	False	False	False	False		
ATAJ_OFFSET	UInt	28	Non-retain	False	False	False	False		
ATAB_OFFSET	UInt	40	Non-retain	False	False	False	False		
PSTT_OFFSET	UInt	52	Non-retain	False	False	False	False		
NSTT_OFFSET	UInt	64	Non-retain	False	False	False	False		
ASSJ_OFFSET	UInt	76	Non-retain	False	False	False	False		
ASSB_OFFSET	UInt	94	Non-retain	False	False	False	False		
PTTS_OFFSET	UInt	112	Non-retain	False	False	False	False		
NTTS_OFFSET	UInt	130	Non-retain	False	False	False	False		
SW_SQTS_OFFSET	UInt	148	Non-retain	False	False	False	False		
SWITCH_OFFSET	UInt	166	Non-retain	False	False	False	False		
TVX_OFFSET	UInt	203	Non-retain	False	False	False	False		
TTX_OFFSET	UInt	219	Non-retain	False	False	False	False		
TSX_OFFSET	UInt	235	Non-retain	False	False	False	False		
S00X_OFFSET	UInt	251	Non-retain	False	False	False	False		
SOFFX_OFFSET	UInt	267	Non-retain	False	False	False	False		
SONX_OFFSET	UInt	283	Non-retain	False	False	False	False		
SAX_OFFSET	UInt	299	Non-retain	False	False	False	False		
SERRX_OFFSET	UInt	315	Non-retain	False	False	False	False		
SMX_OFFSET	UInt	334	Non-retain	False	False	False	False		
S0X_OFFSET	UInt	353	Non-retain	False	False	False	False		
S1X_OFFSET	UInt	372	Non-retain	False	False	False	False		
THRESHOLD_SUP	USInt	0	Non-retain	False	False	False	False		
THRESHOLD_WARN	USInt	0	Non-retain	False	False	False	False		
GC_FLAGS	G7_GCFlags-Plus_V6		Non-retain	False	False	False	True		
COND_ED	USInt	16#E3	Non-retain	False	False	False	False		
SSKIP_ON	Bool	false	Non-retain	False	False	False	False		
ACK_REQ	Bool	true	Non-retain	False	False	False	False		
ILP_MAN	Bool	false	Non-retain	False	False	False	False		
SWM_LOCKED	Bool	false	Non-retain	False	False	False	False		
SET_ENO	Bool	false	Non-retain	False	False	False	False		
IL_CAT	USInt	1	Non-retain	False	False	False	False		
IL_SUBCAT_1	USInt	0	Non-retain	False	False	False	False		
IL_SUBCAT_2	USInt	0	Non-retain	False	False	False	False		
REACT_CAT	USInt	1	Non-retain	False	False	False	False		
REACT_SUBCAT_1	USInt	0	Non-retain	False	False	False	False		
REACT_SUBCAT_2	USInt	0	Non-retain	False	False	False	False		
WARN_CAT	USInt	2	Non-retain	False	False	False	False		
WARN_SUBCAT_1	USInt	0	Non-retain	False	False	False	False		
WARN_SUBCAT_2	USInt	0	Non-retain	False	False	False	False		
CRIT_ON	Bool	false	Non-retain	False	False	False	False		
Trans1	G7_Transition-Plus_V6		Non-retain	False	False	False	True		Transition structure
TV	Bool	false	Non-retain	False	False	False	False		
TT	Bool	false	Non-retain	False	False	False	False		
TS	Bool	false	Non-retain	False	False	False	False		
TNO	Int	1	Non-retain	False	False	False	False		
CRIT	DWord	16#0	Non-retain	False	False	False	False		
CRIT_OLD	DWord	16#0	Non-retain	False	False	False	False		
CRIT_FLT	DWord	16#0	Non-retain	False	False	False	False		
Trans2	G7_Transition-Plus_V6		Non-retain	False	False	False	True		Transition structure
TV	Bool	false	Non-retain	False	False	False	False		
TT	Bool	false	Non-retain	False	False	False	False		
TS	Bool	false	Non-retain	False	False	False	False		
TNO	Int	2	Non-retain	False	False	False	False		
CRIT	DWord	16#0	Non-retain	False	False	False	False		
CRIT_OLD	DWord	16#0	Non-retain	False	False	False	False		
CRIT_FLT	DWord	16#0	Non-retain	False	False	False	False		
Trans3	G7_Transition-Plus_V6		Non-retain	False	False	False	True		Transition structure
TV	Bool	false	Non-retain	False	False	False	False		
TT	Bool	false	Non-retain	False	False	False	False		
TS	Bool	false	Non-retain	False	False	False	False		
TNO	Int	3	Non-retain	False	False	False	False		
CRIT	DWord	16#0	Non-retain	False	False	False	False		
CRIT_OLD	DWord	16#0	Non-retain	False	False	False	False		
CRIT_FLT	DWord	16#0	Non-retain	False	False	False	False		
Trans4	G7_Transition-Plus_V6		Non-retain	False	False	False	True		Transition structure
TV	Bool	false	Non-retain	False	False	False	False		
TT	Bool	false	Non-retain	False	False	False	False		

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
TS	Bool	false	Non-retain	False	False	False	False		
TNO	Int	4	Non-retain	False	False	False	False		
CRIT	DWord	16#0	Non-retain	False	False	False	False		
CRIT_OLD	DWord	16#0	Non-retain	False	False	False	False		
CRIT_FLT	DWord	16#0	Non-retain	False	False	False	False		
▼ Trans5	G7_Transition-Plus_V6		Non-retain	False	False	False	True		Transition structure
TV	Bool	false	Non-retain	False	False	False	False		
TT	Bool	false	Non-retain	False	False	False	False		
TS	Bool	false	Non-retain	False	False	False	False		
TNO	Int	5	Non-retain	False	False	False	False		
CRIT	DWord	16#0	Non-retain	False	False	False	False		
CRIT_OLD	DWord	16#0	Non-retain	False	False	False	False		
CRIT_FLT	DWord	16#0	Non-retain	False	False	False	False		
▼ Trans6	G7_Transition-Plus_V6		Non-retain	False	False	False	True		Transition structure
TV	Bool	false	Non-retain	False	False	False	False		
TT	Bool	false	Non-retain	False	False	False	False		
TS	Bool	false	Non-retain	False	False	False	False		
TNO	Int	6	Non-retain	False	False	False	False		
CRIT	DWord	16#0	Non-retain	False	False	False	False		
CRIT_OLD	DWord	16#0	Non-retain	False	False	False	False		
CRIT_FLT	DWord	16#0	Non-retain	False	False	False	False		
▼ Trans7	G7_Transition-Plus_V6		Non-retain	False	False	False	True		Transition structure
TV	Bool	false	Non-retain	False	False	False	False		
TT	Bool	false	Non-retain	False	False	False	False		
TS	Bool	false	Non-retain	False	False	False	False		
TNO	Int	7	Non-retain	False	False	False	False		
CRIT	DWord	16#0	Non-retain	False	False	False	False		
CRIT_OLD	DWord	16#0	Non-retain	False	False	False	False		
CRIT_FLT	DWord	16#0	Non-retain	False	False	False	False		
▼ Trans8	G7_Transition-Plus_V6		Non-retain	False	False	False	True		Transition structure
TV	Bool	false	Non-retain	False	False	False	False		
TT	Bool	false	Non-retain	False	False	False	False		
TS	Bool	false	Non-retain	False	False	False	False		
TNO	Int	8	Non-retain	False	False	False	False		
CRIT	DWord	16#0	Non-retain	False	False	False	False		
CRIT_OLD	DWord	16#0	Non-retain	False	False	False	False		
CRIT_FLT	DWord	16#0	Non-retain	False	False	False	False		
▼ Trans9	G7_Transition-Plus_V6		Non-retain	False	False	False	True		Transition structure
TV	Bool	false	Non-retain	False	False	False	False		
TT	Bool	false	Non-retain	False	False	False	False		
TS	Bool	false	Non-retain	False	False	False	False		
TNO	Int	9	Non-retain	False	False	False	False		
CRIT	DWord	16#0	Non-retain	False	False	False	False		
CRIT_OLD	DWord	16#0	Non-retain	False	False	False	False		
CRIT_FLT	DWord	16#0	Non-retain	False	False	False	False		
▼ Trans10	G7_Transition-Plus_V6		Non-retain	False	False	False	True		Transition structure
TV	Bool	false	Non-retain	False	False	False	False		
TT	Bool	false	Non-retain	False	False	False	False		
TS	Bool	false	Non-retain	False	False	False	False		
TNO	Int	10	Non-retain	False	False	False	False		
CRIT	DWord	16#0	Non-retain	False	False	False	False		
CRIT_OLD	DWord	16#0	Non-retain	False	False	False	False		
CRIT_FLT	DWord	16#0	Non-retain	False	False	False	False		
▼ Trans11	G7_Transition-Plus_V6		Non-retain	False	False	False	True		Transition structure
TV	Bool	false	Non-retain	False	False	False	False		
TT	Bool	false	Non-retain	False	False	False	False		
TS	Bool	false	Non-retain	False	False	False	False		
TNO	Int	11	Non-retain	False	False	False	False		
CRIT	DWord	16#0	Non-retain	False	False	False	False		
CRIT_OLD	DWord	16#0	Non-retain	False	False	False	False		
CRIT_FLT	DWord	16#0	Non-retain	False	False	False	False		
▼ Trans12	G7_Transition-Plus_V6		Non-retain	False	False	False	True		Transition structure
TV	Bool	false	Non-retain	False	False	False	False		
TT	Bool	false	Non-retain	False	False	False	False		
TS	Bool	false	Non-retain	False	False	False	False		
TNO	Int	12	Non-retain	False	False	False	False		
CRIT	DWord	16#0	Non-retain	False	False	False	False		

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
CRIT_OLD	DWord	16#0	Non-retain	False	False	False	False		
CRIT_FLT	DWord	16#0	Non-retain	False	False	False	False		
Start	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		
L0	Bool	false	Non-retain	False	False	False	False		
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		
VS	Bool	false	Non-retain	False	False	False	False		
SNO	Int	1	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		
Fill NaOH	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		
L0	Bool	false	Non-retain	False	False	False	False		
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		
VS	Bool	false	Non-retain	False	False	False	False		
SNO	Int	2	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		
Fill Powder M001	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		
L0	Bool	false	Non-retain	False	False	False	False		
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
VS	Bool	false	Non-retain	False	False	False	False		
SNO	Int	3	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		
Start Mixing	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		
L0	Bool	false	Non-retain	False	False	False	False		
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		
VS	Bool	false	Non-retain	False	False	False	False		
SNO	Int	4	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		
Empty MIX Tank	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		
L0	Bool	false	Non-retain	False	False	False	False		
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		
VS	Bool	false	Non-retain	False	False	False	False		
SNO	Int	5	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		
Stop Water	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
L0	Bool	false	Non-retain	False	False	False	False		
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		
VS	Bool	false	Non-retain	False	False	False	False		
SNO	Int	6	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		
▼ Close NaOH valve	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		
L0	Bool	false	Non-retain	False	False	False	False		
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		
VS	Bool	false	Non-retain	False	False	False	False		
SNO	Int	7	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		
▼ Powder Motor Stop	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		
L0	Bool	false	Non-retain	False	False	False	False		
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		
VS	Bool	false	Non-retain	False	False	False	False		
SNO	Int	8	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		
Stop Mixing	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		
L0	Bool	false	Non-retain	False	False	False	False		
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		
VS	Bool	false	Non-retain	False	False	False	False		
SNO	Int	9	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		
Empty Storage Tank	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		
L0	Bool	false	Non-retain	False	False	False	False		
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		
VS	Bool	false	Non-retain	False	False	False	False		
SNO	Int	10	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		
Stop emptying	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		
L0	Bool	false	Non-retain	False	False	False	False		
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		
VS	Bool	false	Non-retain	False	False	False	False		

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
SNO	Int	11	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		
Exit valve open	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		
L0	Bool	false	Non-retain	False	False	False	False		
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		
VS	Bool	false	Non-retain	False	False	False	False		
SNO	Int	12	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		
Step13	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		
L0	Bool	false	Non-retain	False	False	False	False		
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		
VS	Bool	false	Non-retain	False	False	False	False		
SNO	Int	13	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		
Not to Storage	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		
L0	Bool	false	Non-retain	False	False	False	False		

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		
VS	Bool	false	Non-retain	False	False	False	False		
SNO	Int	14	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		
▼ Exit valve close	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		
L0	Bool	false	Non-retain	False	False	False	False		
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		
VS	Bool	false	Non-retain	False	False	False	False		
SNO	Int	15	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		
▼ Valve 521 Stays open	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		
L0	Bool	false	Non-retain	False	False	False	False		
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		
VS	Bool	false	Non-retain	False	False	False	False		
SNO	Int	16	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Fill water	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		
L0	Bool	false	Non-retain	False	False	False	False		
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		
VS	Bool	false	Non-retain	False	False	False	False		
SNO	Int	17	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		
Step18	G7_StepPlus_V6		Non-retain	False	False	False	True		Step structure
S1	Bool	false	Non-retain	False	False	False	False		
L1	Bool	false	Non-retain	False	False	False	False		
V1	Bool	false	Non-retain	False	False	False	False		
R1	Bool	false	Non-retain	False	False	False	False		
A1	Bool	false	Non-retain	False	False	False	False		
S0	Bool	false	Non-retain	False	False	False	False		
L0	Bool	false	Non-retain	False	False	False	False		
V0	Bool	false	Non-retain	False	False	False	False		
X	Bool	false	Non-retain	False	False	False	False		
LA	Bool	false	Non-retain	False	False	False	False		
VA	Bool	false	Non-retain	False	False	False	False		
RA	Bool	false	Non-retain	False	False	False	False		
AA	Bool	false	Non-retain	False	False	False	False		
SS	Bool	false	Non-retain	False	False	False	False		
LS	Bool	true	Non-retain	False	False	False	False		
VS	Bool	false	Non-retain	False	False	False	False		
SNO	Int	18	Non-retain	False	False	False	False		
T	Time	T#0ms	Non-retain	False	False	False	False		
U	Time	T#0ms	Non-retain	False	False	False	False		
T_MAX	Time	T#10S	Non-retain	False	False	False	False		
T_WARN	Time	T#7S	Non-retain	False	False	False	False		
CRIT_LOC	DWord	16#0	Non-retain	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	Non-retain	False	False	False	False		
SM	Bool	false	Non-retain	False	False	False	False		
H_IL_ERR	Byte	16#0	Non-retain	False	False	False	False		
H_SV_FLT	Byte	16#04	Non-retain	False	False	False	False		
Temp									
Constant									

Alarms

Enable alarms	True

Category	Category enabler	Display class
Error		0
Warning		0
Info		0
Category 4		0
Category 5		0
Category 6		0
Category 7		0
Category 8		0

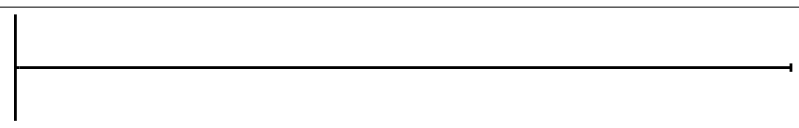
Category for interlocks	Error	**Subcategory 1 for interlocks**		**Subcategory 2 for interlocks**	
Category for supervisions	Error	**Subcategory 1 for supervisions**		**Subcategory 2 for supervisions**	

Category for GRAPH warnings	Warning	Subcategory 1 for GRAPH warnings		Subcategory 2 for GRAPH warnings	

Symbol	Address	Type	Comment

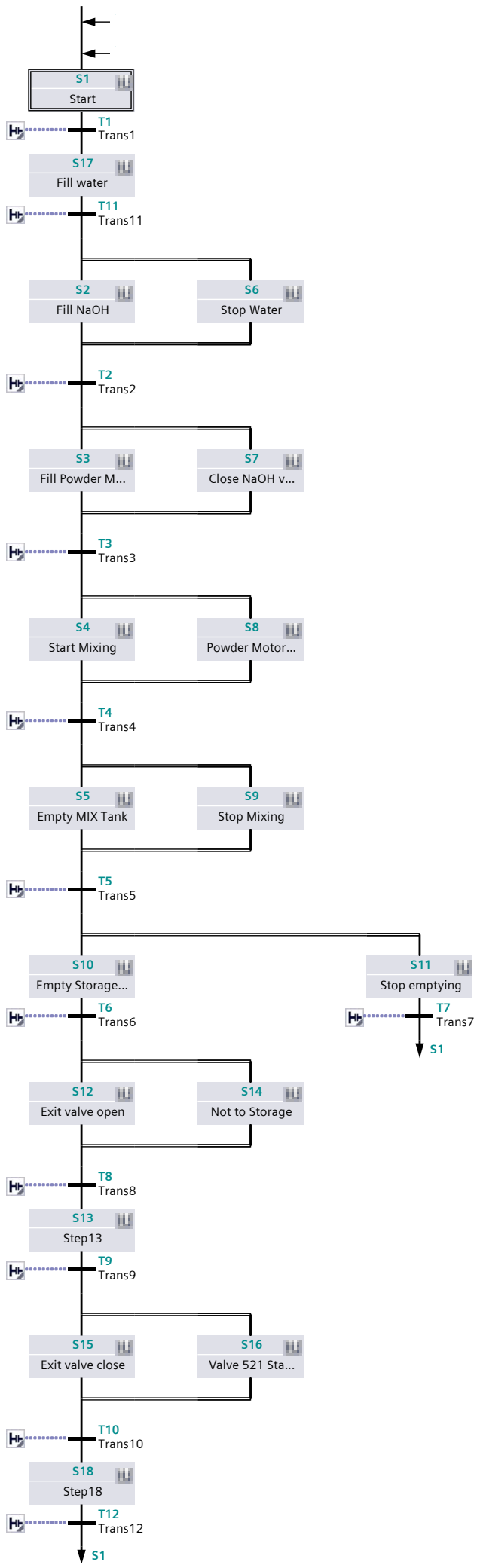
Permanent pre-instructions

1:



Sequences (1)

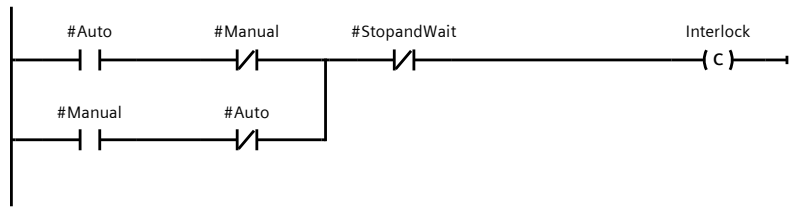
1:



S1 - [Initial step]:Start

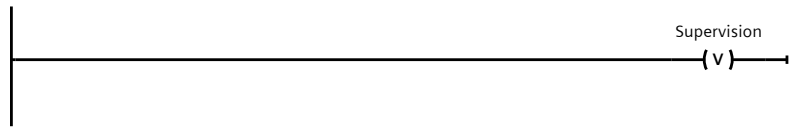
Interlock -(c)-:

Interlock alarm	
Alarm text	



Supervision -(v)-:

Supervision alarm	
Alarm text	



Actions:

Actions:			
Interlock	Event	Qualifier	Action
		N	#Initiate

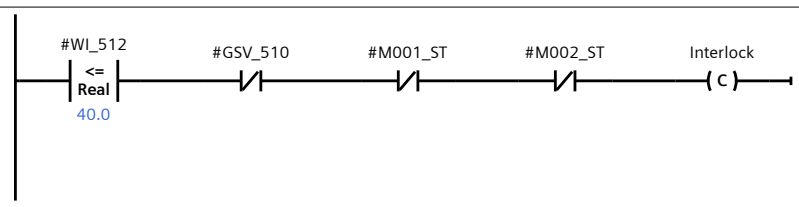
T1:Trans1

S2:Fill NaOH

600Kg to 1200kg in weight sensor is 600Kg of NaOH.

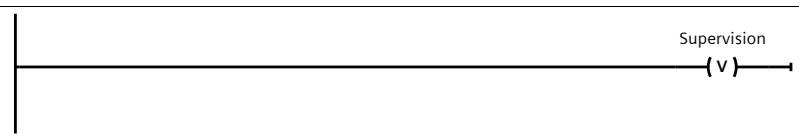
Interlock -(c)-:

Interlock alarm	
Alarm text	



Supervision -(v)-:

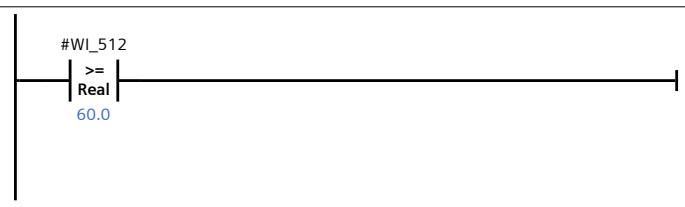
Supervision alarm	
Alarm text	



Actions:

Actions:			
Interlock	Event	Qualifier	Action
C	S1	N	#"HS_511_Open_"

T2:Trans2

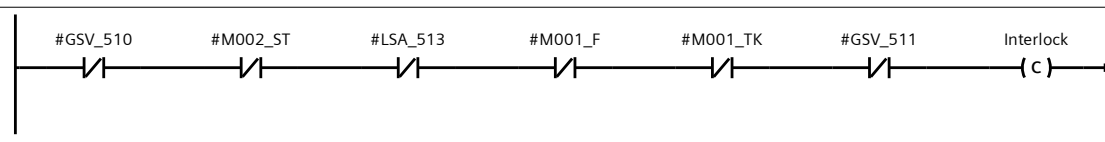


S3:Fill Powder M001

1200-1800KG in wight sensor = 600Kg of Powder

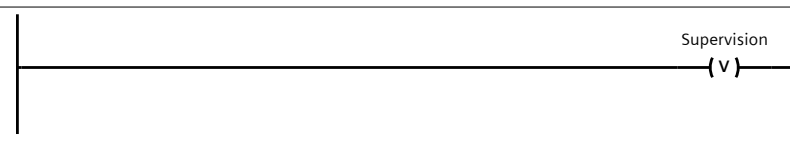
Interlock -(c)-:

Interlock alarm	
Alarm text	



Supervision -(v)-:

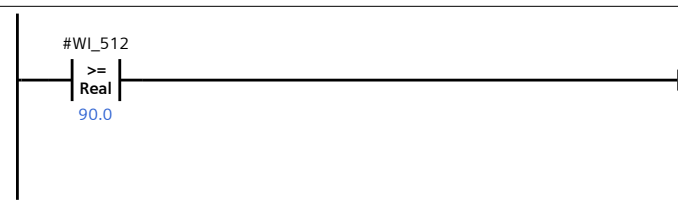
Supervision alarm	
Alarm text	



Actions:

Actions:			
Interlock	Event	Qualifier	Action
C		N	#M001_ST

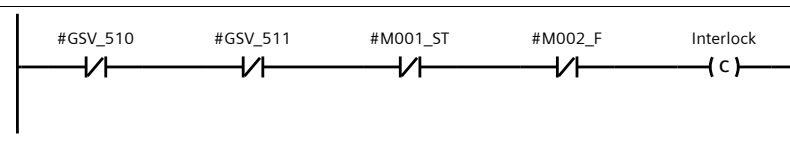
T3:Trans3



S4:Start Mixing

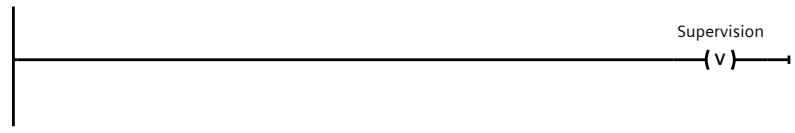
Interlock -(c)-:

Interlock alarm	
Alarm text	



Supervision -(v)-:

Supervision alarm	
Alarm text	

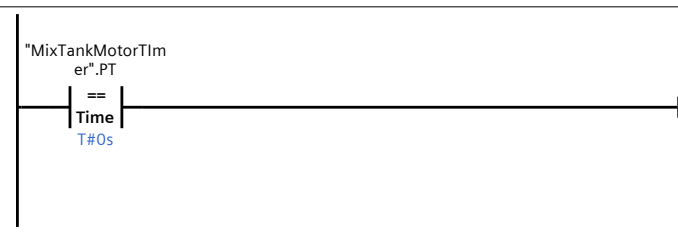


Actions:

Actions:			
Interlock	Event	Qualifier	Action

C		N	CALL TOF TIME, "MixTankMotorTImer"
			(IN :=#M002_ST
			PT := #SetTimeForMixing
			Q => #M002_R
			ET=> #SetElapseTimeforMixing
			)

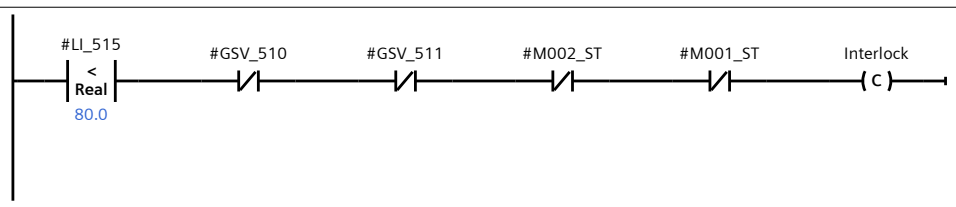
T4:Trans4



S5:Empty MIX Tank

Interlock -(c)-:

Interlock alarm	
Alarm text	



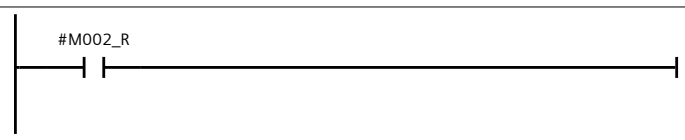
Supervision -(v)-:

Supervision alarm	
Alarm text	

Actions:

Actions:			
Interlock	Event	Qualifier	Action
C		N	#HS_514_Open

T5:Trans5

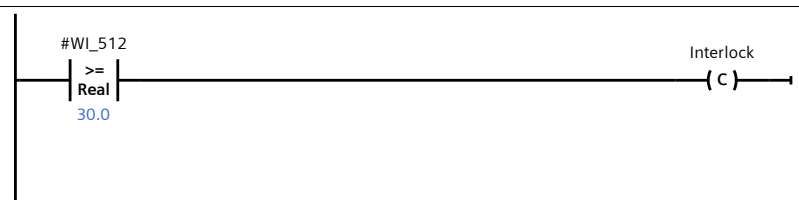


S6:Stop Water

If Valve opens have to make sure it closes.

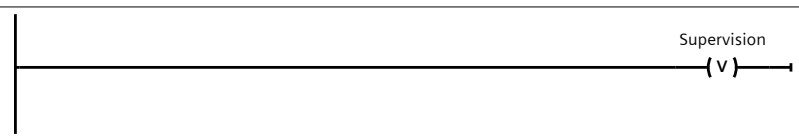
Interlock -(c)-:

Interlock alarm	
Alarm text	



Supervision -(v)-:

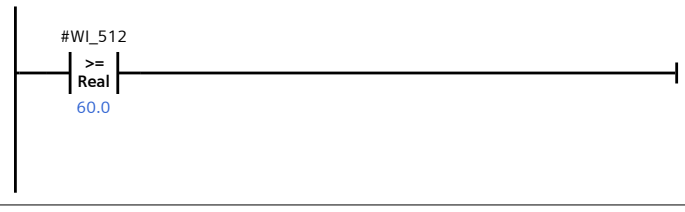
Supervision alarm	
Alarm text	



Actions:

Actions:			
Interlock	Event	Qualifier	Action
C	S1	N	#HS_510_Close

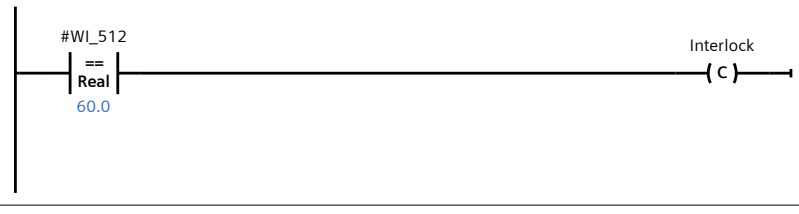
T2:Trans2



S7:Close NaOH valve

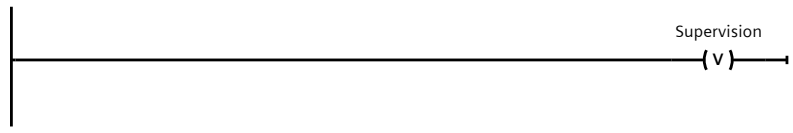
Interlock -(c)-:

Interlock alarm	
Alarm text	



Supervision -(v)-:

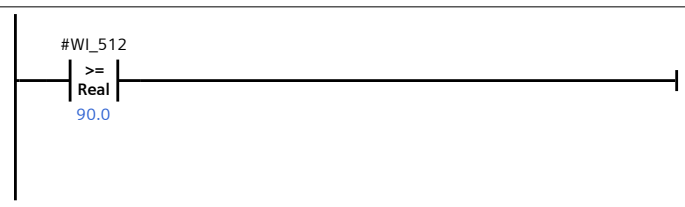
Supervision alarm	
Alarm text	



Actions:

Actions:			
Interlock	Event	Qualifier	Action
C	S1	N	#HS_511_Close

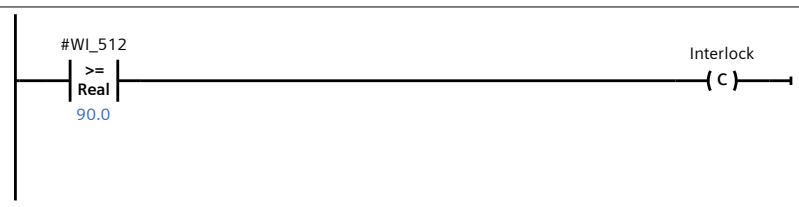
T3:Trans3



S8:Powder Motor Stop

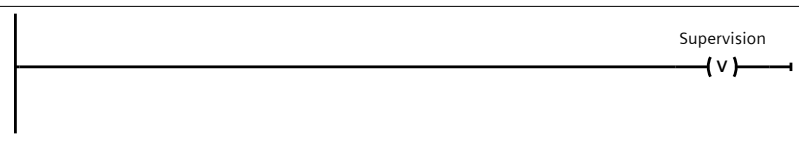
Interlock -(c)-:

Interlock alarm	
Alarm text	



Supervision -(v)-:

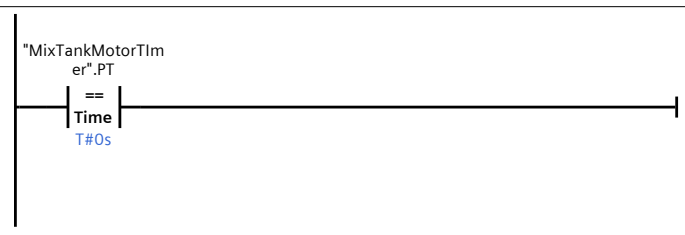
Supervision alarm	
Alarm text	



Actions:

Actions:			
Interlock	Event	Qualifier	Action
C		N	#M001_R

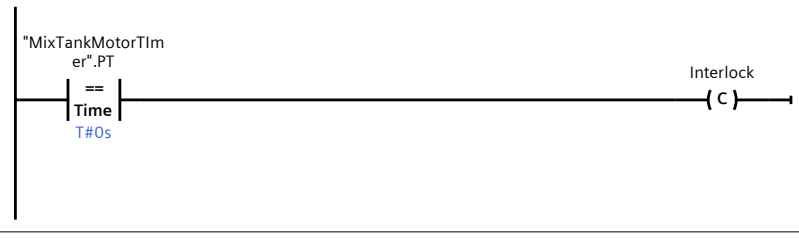
T4:Trans4



S9:Stop Mixing

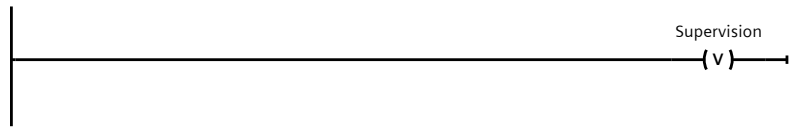
Interlock -(c)-:

Interlock alarm	
Alarm text	



Supervision -(v)-:

Supervision alarm	
Alarm text	



Actions:

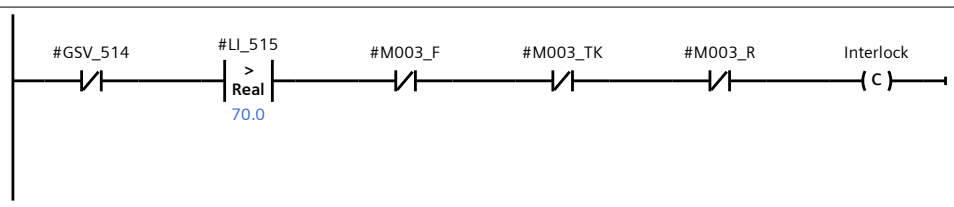
Actions:			
Interlock	**Event**	**Qualifier**	**Action**
C		N	#M002_R

T5:Trans5

S10:Empty Storage Tank

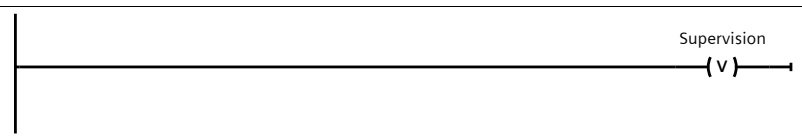
Interlock -(c)-:

Interlock alarm	
Alarm text	



Supervision -(v)-:

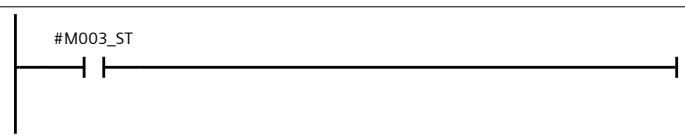
Supervision alarm	
Alarm text	



Actions:

Actions:			
Interlock	**Event**	**Qualifier**	**Action**
C		N	#M003_ST

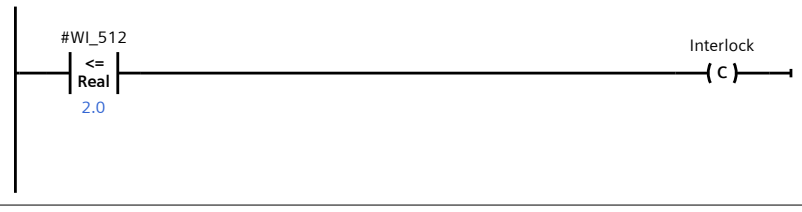
T6:Trans6



S11:Stop emptying

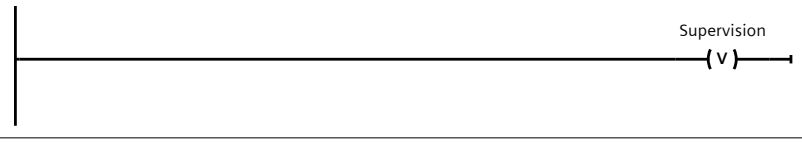
Interlock -(c)-: Stop Emptying

Interlock alarm	
Alarm text	



Supervision -(v)-:

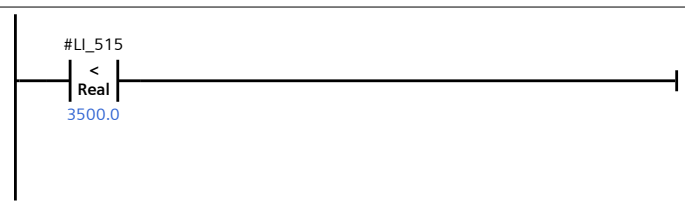
Supervision alarm	
Alarm text	



Actions:

Actions:			
Interlock	**Event**	**Qualifier**	**Action**
C		N	#HS_514_Close

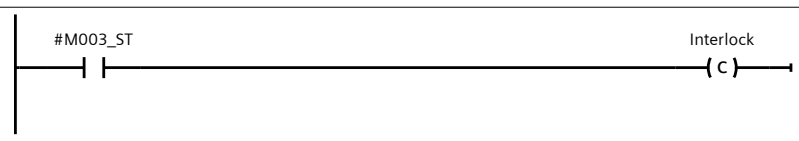
T7:Trans7



S12:Exit valve open

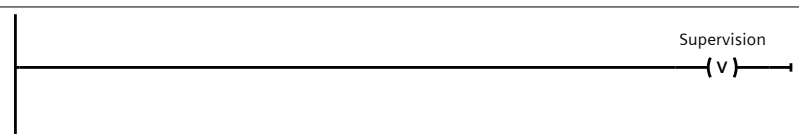
Interlock -(c)-:

Interlock alarm	
Alarm text	



Supervision -(v)-:

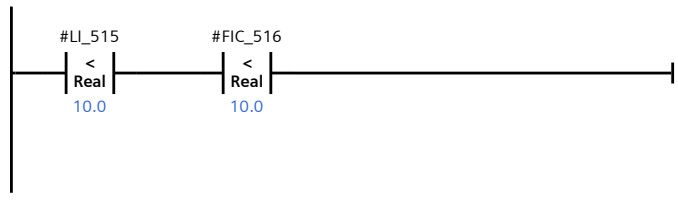
Supervision alarm	
Alarm text	



Actions:

Actions:			
Interlock	**Event**	**Qualifier**	**Action**
C		N	#HS_519_Open

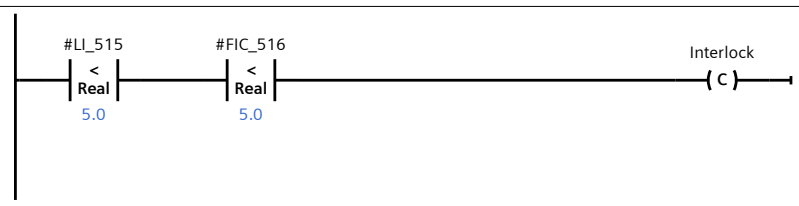
T8:Trans8



S13:Step13

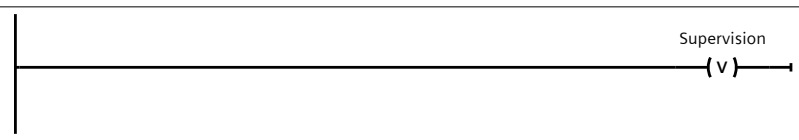
Interlock -(c)-:

Interlock alarm	
Alarm text	



Supervision -(v)-:

Supervision alarm	
Alarm text	



Actions:

Actions:			
Interlock	**Event**	**Qualifier**	**Action**
		N	#M003_R

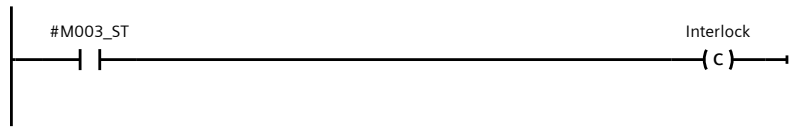
Interlock	Event	Qualifier	Action

T9:Trans9

S14:Not to Storage

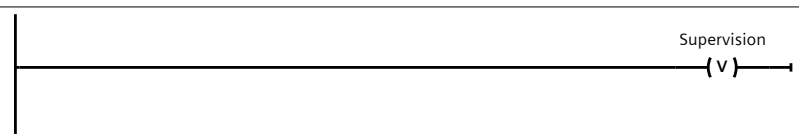
Interlock -(c)-:

Interlock alarm	
Alarm text	



Supervision -(v)-:

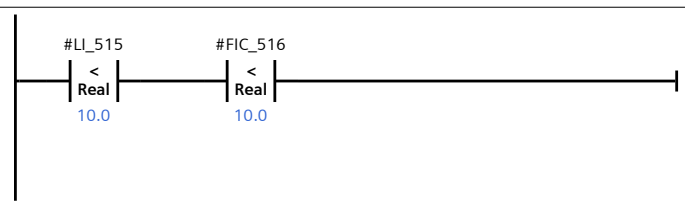
Supervision alarm	
Alarm text	



Actions:

Actions:			
Interlock	Event	Qualifier	Action
		N	#HS_521_Close

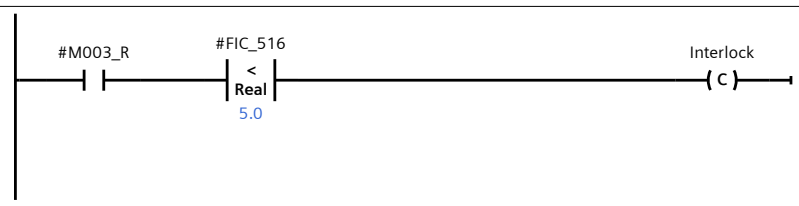
T8:Trans8



S15:Exit valve close

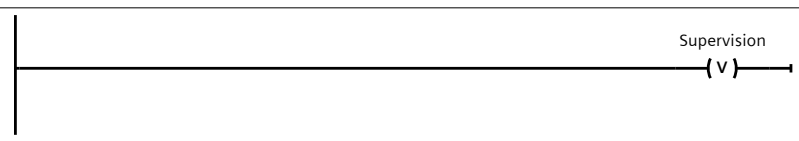
Interlock -(c)-:

Interlock alarm	
Alarm text	



Supervision -(v)-:

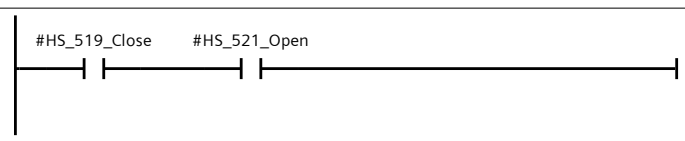
Supervision alarm	
Alarm text	



Actions:

Actions:			
Interlock	Event	Qualifier	Action
		N	#HS_519_Close

T10:Trans10



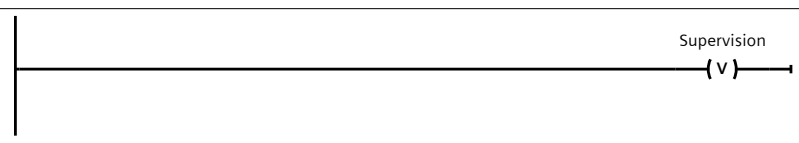
S16:Valve 521 Stays open

Interlock -(c)-:

Interlock alarm	
Alarm text	

Supervision -(v)-:

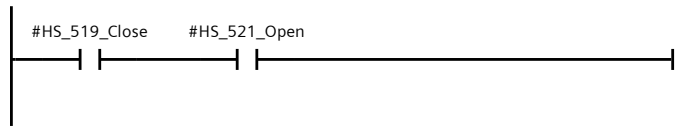
Supervision alarm	
Alarm text	



Actions:

Actions:			
Interlock	Event	Qualifier	Action
C		N	#HS_521_Open

T10:Trans10

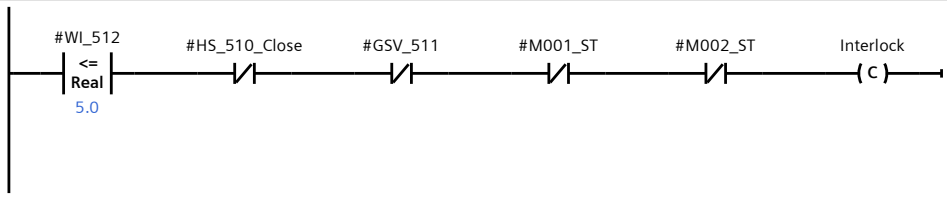


S17:Fill water

1Litre = 1Kg, 0-600Kg in Weight sensor is 600litres of Water
For forcing value of sensors converts kg value to Siemens analog raw value (0...27648).
For 200KG = 2765

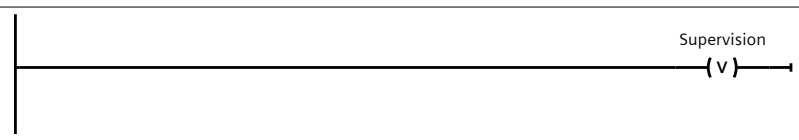
Interlock -(c)-:

Interlock alarm	
Alarm text	



Supervision -(v)-:

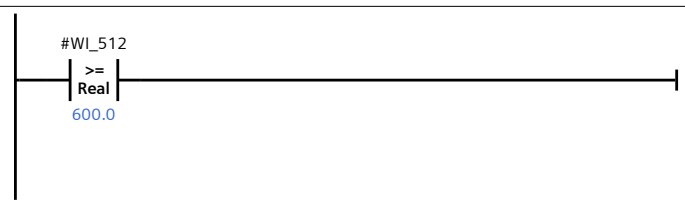
Supervision alarm	
Alarm text	



Actions:

Actions:			
Interlock	Event	Qualifier	Action
C		N	#HS_510_Open

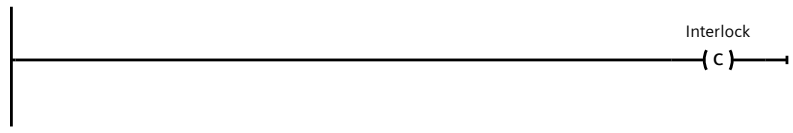
T11:Trans11



S18:Step18

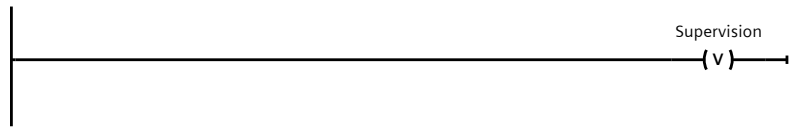
Interlock -(c)-:

Interlock alarm	
Alarm text	



Supervision -(v)-:

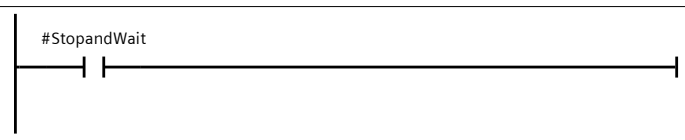
Supervision alarm	
Alarm text	



Actions:

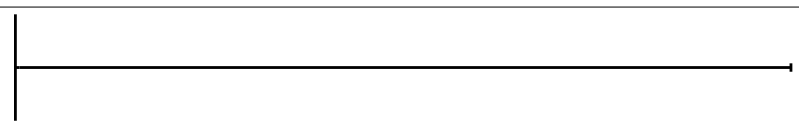
Actions:			
Interlock	Event	Qualifier	Action
		N	#StopandWait

T12:Trans12



Permanent post-instructions

1:



ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks

ProcessSequence_DB [DB3]

ProcessSequence_DB Properties							
General							
Name	ProcessSequence_DB	**Number**	3	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
WI_512	Real	0.0	False	True	True	True	False		WT-512 is Weight Sensor and connected in OB
LSA_513	Bool	false	False	True	True	True	False		LS-513 Powder Low level Button
SetTimeForMixing	Time	T#0ms	False	True	True	True	False		MIx Tank Motor timing
TI_517	Real	0.0	False	True	True	True	False		
TI_518	Real	0.0	False	True	True	True	False		
FIC_516	Real	0.0	False	True	True	True	False		FIC-516 is Pressure sensor Integrated with M003
LI_515	Real	0.0	False	True	True	True	False		LT-515 Level indicative sensor
ACK_EF	Bool	false	False	False	False	False	False		Acknowledge all errors and faults
Auto	Bool	false	False	True	True	True	False		Automode makes sytem run automatically until pressed stop.
Manual	Bool	false	False	True	True	True	False		Manual mode make user start everytime time the storage tank is emptied.
M003_SP	Real	0.0	False	True	True	True	False		PIDTulo
Output									
Initiate	Bool	false	False	True	True	True	False		Start initiates the program
HS_510_Open	Bool	false	False	True	True	True	False		ZSC-510 is Valve open signal GSV-510.
HS_510_Close	Bool	false	False	True	True	True	False		ZSC-510 Valve close signal for GSV-510.
GSV_510	Bool	false	False	True	True	True	False		GSV_510 Valve
HS_511_Open_	Bool	false	False	True	True	True	False		ZSO-511 is Valve open signal GSV-511.
HS_511_Close	Bool	false	False	True	True	True	False		ZSC-511 Valve close signal
GSV_511	Bool	false	False	True	True	True	False		GSV-511 Valve
HS_514_Open	Bool	false	False	False	False	False	False		ZSO-514 is Valve open signal for GSV-514
HS_514_Close	Bool	false	False	True	True	True	False		ZSC-514 is valve close signal for GSV-514
GSV_514	Bool	false	False	True	True	True	False		Valve GSV-514.
HS_519_Open	Bool	false	False	True	True	True	False		ZSO-519 is valve open signal for GSV-519
HS_519_Close	Bool	false	False	False	False	False	False		ZSC-519 is Valve close signal for GSV-519
GSV_519	Bool	false	False	True	True	True	False		
HS_521_Open	Bool	false	False	True	True	True	False		ZSO-521 valve open signal for GSV-521
HS_521_Close	Bool	false	False	True	True	True	False		ZSC-521 close valve signal for GSV_521
GSV_521	Bool	false	False	True	True	True	False		
SetElapseTimeforMixing	Time	T#0ms	False	True	True	True	False		Elaspse time for mix tank motor
M001_ST	Bool	false	False	False	False	False	False		M001.ST is Powder Motor start signal.
M001_TK	Bool	false	False	True	True	True	False		M001.TK is Temperature protection of POwder Motor.
M001_F	Bool	false	False	True	True	True	False		M001.F fault signal of Powder Motor
M001_R	Bool	false	False	True	True	True	False		Reset of Powder Motor
M002_ST	Bool	false	False	True	True	True	False		M002.ST is Mixtank Motor signal.
M002_TK	Bool	false	False	True	True	True	False		
M002_F	Bool	false	False	True	True	True	False		Mator Fault signal For Mix Tank motor
M002_R	Bool	false	False	True	True	True	False		Reset for Mixing Motor
M003_ST	Bool	false	False	True	True	True	False		M003.ST is Start signal of Motor M003
M003_F	Bool	false	False	True	True	True	False		M003.F is Fault signal of Motor M003
M003_TK	Bool	false	False	True	True	True	False		M003.TK isTemperature protection signal of Motor M003
M003_R	Bool	false	False	False	False	False	False		M003.R is Reset signal of Motor M003
StopandWait	Bool	false	False	True	True	True	False		Stop the Process and goest back S and wait until pressed start manually
InOut									
Static									

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
RT_DATA	G7_RTData-Plus_V6		False	False	False	False	True		Internal data area
VERSION	String[10]	'V6.0'	False	False	False	False	False		
S_DISPLAY	Int	0	False	False	False	False	False		
S_SEL_OLD	Int	0	False	False	False	False	False		
S_DISPIDX	USInt	255	False	False	False	False	False		
T_DISPIDX	USInt	255	False	False	False	False	False		
MOP_EDGE	G7_MOPPlus_V6		False	False	False	False	True		
AUTO	Bool	false	False	False	False	False	False		
MAN	Bool	false	False	False	False	False	False		
TAP	Bool	false	False	False	False	False	False		
TOP	Bool	false	False	False	False	False	False		
ACK_S	Bool	false	False	False	False	False	False		
REG_S	Bool	false	False	False	False	False	False		
T_PREV	Bool	false	False	False	False	False	False		
T_NEXT	Bool	false	False	False	False	False	False		
LOCK	Bool	false	False	False	False	False	False		
SUP	Bool	false	False	False	False	False	False		
ACKREQ	Bool	false	False	False	False	False	False		
SSKIP	Bool	false	False	False	False	False	False		
OFF	Bool	false	False	False	False	False	False		
INIT	Bool	false	False	False	False	False	False		
HALT	Bool	false	False	False	False	False	False		
TMS_HALT	Bool	false	False	False	False	False	False		
OPS_ZERO	Bool	false	False	False	False	False	False		
SACT_DISP	Bool	false	False	False	False	False	False		
SEF_DISP	Bool	false	False	False	False	False	False		
SALL_DISP	Bool	false	False	False	False	False	False		
S_PREV	Bool	false	False	False	False	False	False		
S_NEXT	Bool	false	False	False	False	False	False		
S_SELOK	Bool	false	False	False	False	False	False		
S_ON	Bool	false	False	False	False	False	False		
S_OFF	Bool	false	False	False	False	False	False		
T_PUSH	Bool	false	False	False	False	False	False		
REG	Bool	false	False	False	False	False	False		
ACK	Bool	false	False	False	False	False	False		
IL_PERM	Bool	false	False	False	False	False	False		
T_PERM	Bool	false	False	False	False	False	False		
ILP_MAN	Bool	false	False	False	False	False	False		
LMODE	Bool	false	False	False	False	False	False		
RESET_CRIT	Bool	false	False	False	False	False	False		
MOP	G7_MOPPlus_V6		False	False	False	False	True		
AUTO	Bool	true	False	False	False	False	False		
MAN	Bool	false	False	False	False	False	False		
TAP	Bool	false	False	False	False	False	False		
TOP	Bool	false	False	False	False	False	False		
ACK_S	Bool	false	False	False	False	False	False		
REG_S	Bool	false	False	False	False	False	False		
T_PREV	Bool	false	False	False	False	False	False		
T_NEXT	Bool	false	False	False	False	False	False		
LOCK	Bool	true	False	False	False	False	False		
SUP	Bool	true	False	False	False	False	False		
ACKREQ	Bool	true	False	False	False	False	False		
SSKIP	Bool	false	False	False	False	False	False		
OFF	Bool	false	False	False	False	False	False		
INIT	Bool	true	False	False	False	False	False		
HALT	Bool	false	False	False	False	False	False		
TMS_HALT	Bool	false	False	False	False	False	False		
OPS_ZERO	Bool	false	False	False	False	False	False		
SACT_DISP	Bool	true	False	False	False	False	False		
SEF_DISP	Bool	false	False	False	False	False	False		
SALL_DISP	Bool	false	False	False	False	False	False		
S_PREV	Bool	false	False	False	False	False	False		
S_NEXT	Bool	false	False	False	False	False	False		
S_SELOK	Bool	false	False	False	False	False	False		
S_ON	Bool	false	False	False	False	False	False		
S_OFF	Bool	false	False	False	False	False	False		
T_PUSH	Bool	false	False	False	False	False	False		
REG	Bool	false	False	False	False	False	False		
ACK	Bool	false	False	False	False	False	False		
IL_PERM	Bool	false	False	False	False	False	False		
T_PERM	Bool	false	False	False	False	False	False		
ILP_MAN	Bool	false	False	False	False	False	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
LMODE	Bool	false	False	False	False	False	False		
RESET_CRIT	Bool	false	False	False	False	False	False		
TIME_DELTA	Time	T#0ms	False	False	False	False	False		
SQ_FLAGS	G7_SQFlags-Plus_V6		False	False	False	False	True		
ERR_FLT	Bool	false	False	False	False	False	False		
ERROR	Bool	false	False	False	False	False	False		
FAULT	Bool	false	False	False	False	False	False		
RT_FAIL	Bool	false	False	False	False	False	False		
NO_SNO	Bool	false	False	False	False	False	False		
NF_OFL	Bool	false	False	False	False	False	False		
SA_OFL	Bool	false	False	False	False	False	False		
TV_OFL	Bool	false	False	False	False	False	False		
NO_SWI	Bool	false	False	False	False	False	False		
CYC_OP	Bool	false	False	False	False	False	False		
AS_MSG	Bool	true	False	False	False	False	False		
SQ_BUSY	Bool	false	False	False	False	False	False		
SA_BUSY	Bool	false	False	False	False	False	False		
PRE_CNT	USInt	1	False	False	False	False	False		
POST_CNT	USInt	1	False	False	False	False	False		
SQ_CNT	USInt	1	False	False	False	False	False		
S_CNT	USInt	18	False	False	False	False	False		
LOCK_CNT	USInt	17	False	False	False	False	False		
SUP_CNT	USInt	0	False	False	False	False	False		
T_CNT	USInt	12	False	False	False	False	False		
SQ_PART_CNT	USInt	17	False	False	False	False	False		
MAX_TVAL	USInt	15	False	False	False	False	False		
MAX_SACT	USInt	15	False	False	False	False	False		
AS_MSG	Byte	16#65	False	False	False	False	False		
EXEC_BITS	Array[0..249] of Bool		False	False	False	False	False		
EXEC_BITS[0]	Bool	false	False	False	False	False	False		
EXEC_BITS[1]	Bool	false	False	False	False	False	False		
EXEC_BITS[2]	Bool	false	False	False	False	False	False		
EXEC_BITS[3]	Bool	false	False	False	False	False	False		
EXEC_BITS[4]	Bool	false	False	False	False	False	False		
EXEC_BITS[5]	Bool	false	False	False	False	False	False		
EXEC_BITS[6]	Bool	false	False	False	False	False	False		
EXEC_BITS[7]	Bool	false	False	False	False	False	False		
EXEC_BITS[8]	Bool	false	False	False	False	False	False		
EXEC_BITS[9]	Bool	false	False	False	False	False	False		
EXEC_BITS[10]	Bool	false	False	False	False	False	False		
EXEC_BITS[11]	Bool	false	False	False	False	False	False		
EXEC_BITS[12]	Bool	false	False	False	False	False	False		
EXEC_BITS[13]	Bool	false	False	False	False	False	False		
EXEC_BITS[14]	Bool	false	False	False	False	False	False		
EXEC_BITS[15]	Bool	false	False	False	False	False	False		
EXEC_BITS[16]	Bool	false	False	False	False	False	False		
EXEC_BITS[17]	Bool	false	False	False	False	False	False		
EXEC_BITS[18]	Bool	false	False	False	False	False	False		
EXEC_BITS[19]	Bool	false	False	False	False	False	False		
EXEC_BITS[20]	Bool	false	False	False	False	False	False		
EXEC_BITS[21]	Bool	false	False	False	False	False	False		
EXEC_BITS[22]	Bool	false	False	False	False	False	False		
EXEC_BITS[23]	Bool	false	False	False	False	False	False		
EXEC_BITS[24]	Bool	false	False	False	False	False	False		
EXEC_BITS[25]	Bool	false	False	False	False	False	False		
EXEC_BITS[26]	Bool	false	False	False	False	False	False		
EXEC_BITS[27]	Bool	false	False	False	False	False	False		
EXEC_BITS[28]	Bool	false	False	False	False	False	False		
EXEC_BITS[29]	Bool	false	False	False	False	False	False		
EXEC_BITS[30]	Bool	false	False	False	False	False	False		
EXEC_BITS[31]	Bool	false	False	False	False	False	False		
EXEC_BITS[32]	Bool	false	False	False	False	False	False		
EXEC_BITS[33]	Bool	false	False	False	False	False	False		
EXEC_BITS[34]	Bool	false	False	False	False	False	False		
EXEC_BITS[35]	Bool	false	False	False	False	False	False		
EXEC_BITS[36]	Bool	false	False	False	False	False	False		
EXEC_BITS[37]	Bool	false	False	False	False	False	False		
EXEC_BITS[38]	Bool	false	False	False	False	False	False		
EXEC_BITS[39]	Bool	false	False	False	False	False	False		
EXEC_BITS[40]	Bool	false	False	False	False	False	False		
EXEC_BITS[41]	Bool	false	False	False	False	False	False		
EXEC_BITS[42]	Bool	false	False	False	False	False	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
EXEC_BITS[43]	Bool	false	False	False	False	False	False		
EXEC_BITS[44]	Bool	false	False	False	False	False	False		
EXEC_BITS[45]	Bool	false	False	False	False	False	False		
EXEC_BITS[46]	Bool	false	False	False	False	False	False		
EXEC_BITS[47]	Bool	false	False	False	False	False	False		
EXEC_BITS[48]	Bool	false	False	False	False	False	False		
EXEC_BITS[49]	Bool	false	False	False	False	False	False		
EXEC_BITS[50]	Bool	false	False	False	False	False	False		
EXEC_BITS[51]	Bool	false	False	False	False	False	False		
EXEC_BITS[52]	Bool	false	False	False	False	False	False		
EXEC_BITS[53]	Bool	false	False	False	False	False	False		
EXEC_BITS[54]	Bool	false	False	False	False	False	False		
EXEC_BITS[55]	Bool	false	False	False	False	False	False		
EXEC_BITS[56]	Bool	false	False	False	False	False	False		
EXEC_BITS[57]	Bool	false	False	False	False	False	False		
EXEC_BITS[58]	Bool	false	False	False	False	False	False		
EXEC_BITS[59]	Bool	false	False	False	False	False	False		
EXEC_BITS[60]	Bool	false	False	False	False	False	False		
EXEC_BITS[61]	Bool	false	False	False	False	False	False		
EXEC_BITS[62]	Bool	false	False	False	False	False	False		
EXEC_BITS[63]	Bool	false	False	False	False	False	False		
EXEC_BITS[64]	Bool	false	False	False	False	False	False		
EXEC_BITS[65]	Bool	false	False	False	False	False	False		
EXEC_BITS[66]	Bool	false	False	False	False	False	False		
EXEC_BITS[67]	Bool	false	False	False	False	False	False		
EXEC_BITS[68]	Bool	false	False	False	False	False	False		
EXEC_BITS[69]	Bool	false	False	False	False	False	False		
EXEC_BITS[70]	Bool	false	False	False	False	False	False		
EXEC_BITS[71]	Bool	false	False	False	False	False	False		
EXEC_BITS[72]	Bool	false	False	False	False	False	False		
EXEC_BITS[73]	Bool	false	False	False	False	False	False		
EXEC_BITS[74]	Bool	false	False	False	False	False	False		
EXEC_BITS[75]	Bool	false	False	False	False	False	False		
EXEC_BITS[76]	Bool	false	False	False	False	False	False		
EXEC_BITS[77]	Bool	false	False	False	False	False	False		
EXEC_BITS[78]	Bool	false	False	False	False	False	False		
EXEC_BITS[79]	Bool	false	False	False	False	False	False		
EXEC_BITS[80]	Bool	false	False	False	False	False	False		
EXEC_BITS[81]	Bool	false	False	False	False	False	False		
EXEC_BITS[82]	Bool	false	False	False	False	False	False		
EXEC_BITS[83]	Bool	false	False	False	False	False	False		
EXEC_BITS[84]	Bool	false	False	False	False	False	False		
EXEC_BITS[85]	Bool	false	False	False	False	False	False		
EXEC_BITS[86]	Bool	false	False	False	False	False	False		
EXEC_BITS[87]	Bool	false	False	False	False	False	False		
EXEC_BITS[88]	Bool	false	False	False	False	False	False		
EXEC_BITS[89]	Bool	false	False	False	False	False	False		
EXEC_BITS[90]	Bool	false	False	False	False	False	False		
EXEC_BITS[91]	Bool	false	False	False	False	False	False		
EXEC_BITS[92]	Bool	false	False	False	False	False	False		
EXEC_BITS[93]	Bool	false	False	False	False	False	False		
EXEC_BITS[94]	Bool	false	False	False	False	False	False		
EXEC_BITS[95]	Bool	false	False	False	False	False	False		
EXEC_BITS[96]	Bool	false	False	False	False	False	False		
EXEC_BITS[97]	Bool	false	False	False	False	False	False		
EXEC_BITS[98]	Bool	false	False	False	False	False	False		
EXEC_BITS[99]	Bool	false	False	False	False	False	False		
EXEC_BITS[100]	Bool	false	False	False	False	False	False		
EXEC_BITS[101]	Bool	false	False	False	False	False	False		
EXEC_BITS[102]	Bool	false	False	False	False	False	False		
EXEC_BITS[103]	Bool	false	False	False	False	False	False		
EXEC_BITS[104]	Bool	false	False	False	False	False	False		
EXEC_BITS[105]	Bool	false	False	False	False	False	False		
EXEC_BITS[106]	Bool	false	False	False	False	False	False		
EXEC_BITS[107]	Bool	false	False	False	False	False	False		
EXEC_BITS[108]	Bool	false	False	False	False	False	False		
EXEC_BITS[109]	Bool	false	False	False	False	False	False		
EXEC_BITS[110]	Bool	false	False	False	False	False	False		
EXEC_BITS[111]	Bool	false	False	False	False	False	False		
EXEC_BITS[112]	Bool	false	False	False	False	False	False		
EXEC_BITS[113]	Bool	false	False	False	False	False	False		
EXEC_BITS[114]	Bool	false	False	False	False	False	False		
EXEC_BITS[115]	Bool	false	False	False	False	False	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
EXEC_BITS[116]	Bool	false	False	False	False	False	False		
EXEC_BITS[117]	Bool	false	False	False	False	False	False		
EXEC_BITS[118]	Bool	false	False	False	False	False	False		
EXEC_BITS[119]	Bool	false	False	False	False	False	False		
EXEC_BITS[120]	Bool	false	False	False	False	False	False		
EXEC_BITS[121]	Bool	false	False	False	False	False	False		
EXEC_BITS[122]	Bool	false	False	False	False	False	False		
EXEC_BITS[123]	Bool	false	False	False	False	False	False		
EXEC_BITS[124]	Bool	false	False	False	False	False	False		
EXEC_BITS[125]	Bool	false	False	False	False	False	False		
EXEC_BITS[126]	Bool	false	False	False	False	False	False		
EXEC_BITS[127]	Bool	false	False	False	False	False	False		
EXEC_BITS[128]	Bool	false	False	False	False	False	False		
EXEC_BITS[129]	Bool	false	False	False	False	False	False		
EXEC_BITS[130]	Bool	false	False	False	False	False	False		
EXEC_BITS[131]	Bool	false	False	False	False	False	False		
EXEC_BITS[132]	Bool	false	False	False	False	False	False		
EXEC_BITS[133]	Bool	false	False	False	False	False	False		
EXEC_BITS[134]	Bool	false	False	False	False	False	False		
EXEC_BITS[135]	Bool	false	False	False	False	False	False		
EXEC_BITS[136]	Bool	false	False	False	False	False	False		
EXEC_BITS[137]	Bool	false	False	False	False	False	False		
EXEC_BITS[138]	Bool	false	False	False	False	False	False		
EXEC_BITS[139]	Bool	false	False	False	False	False	False		
EXEC_BITS[140]	Bool	false	False	False	False	False	False		
EXEC_BITS[141]	Bool	false	False	False	False	False	False		
EXEC_BITS[142]	Bool	false	False	False	False	False	False		
EXEC_BITS[143]	Bool	false	False	False	False	False	False		
EXEC_BITS[144]	Bool	false	False	False	False	False	False		
EXEC_BITS[145]	Bool	false	False	False	False	False	False		
EXEC_BITS[146]	Bool	false	False	False	False	False	False		
EXEC_BITS[147]	Bool	false	False	False	False	False	False		
EXEC_BITS[148]	Bool	false	False	False	False	False	False		
EXEC_BITS[149]	Bool	false	False	False	False	False	False		
EXEC_BITS[150]	Bool	false	False	False	False	False	False		
EXEC_BITS[151]	Bool	false	False	False	False	False	False		
EXEC_BITS[152]	Bool	false	False	False	False	False	False		
EXEC_BITS[153]	Bool	false	False	False	False	False	False		
EXEC_BITS[154]	Bool	false	False	False	False	False	False		
EXEC_BITS[155]	Bool	false	False	False	False	False	False		
EXEC_BITS[156]	Bool	false	False	False	False	False	False		
EXEC_BITS[157]	Bool	false	False	False	False	False	False		
EXEC_BITS[158]	Bool	false	False	False	False	False	False		
EXEC_BITS[159]	Bool	false	False	False	False	False	False		
EXEC_BITS[160]	Bool	false	False	False	False	False	False		
EXEC_BITS[161]	Bool	false	False	False	False	False	False		
EXEC_BITS[162]	Bool	false	False	False	False	False	False		
EXEC_BITS[163]	Bool	false	False	False	False	False	False		
EXEC_BITS[164]	Bool	false	False	False	False	False	False		
EXEC_BITS[165]	Bool	false	False	False	False	False	False		
EXEC_BITS[166]	Bool	false	False	False	False	False	False		
EXEC_BITS[167]	Bool	false	False	False	False	False	False		
EXEC_BITS[168]	Bool	false	False	False	False	False	False		
EXEC_BITS[169]	Bool	false	False	False	False	False	False		
EXEC_BITS[170]	Bool	false	False	False	False	False	False		
EXEC_BITS[171]	Bool	false	False	False	False	False	False		
EXEC_BITS[172]	Bool	false	False	False	False	False	False		
EXEC_BITS[173]	Bool	false	False	False	False	False	False		
EXEC_BITS[174]	Bool	false	False	False	False	False	False		
EXEC_BITS[175]	Bool	false	False	False	False	False	False		
EXEC_BITS[176]	Bool	false	False	False	False	False	False		
EXEC_BITS[177]	Bool	false	False	False	False	False	False		
EXEC_BITS[178]	Bool	false	False	False	False	False	False		
EXEC_BITS[179]	Bool	false	False	False	False	False	False		
EXEC_BITS[180]	Bool	false	False	False	False	False	False		
EXEC_BITS[181]	Bool	false	False	False	False	False	False		
EXEC_BITS[182]	Bool	false	False	False	False	False	False		
EXEC_BITS[183]	Bool	false	False	False	False	False	False		
EXEC_BITS[184]	Bool	false	False	False	False	False	False		
EXEC_BITS[185]	Bool	false	False	False	False	False	False		
EXEC_BITS[186]	Bool	false	False	False	False	False	False		
EXEC_BITS[187]	Bool	false	False	False	False	False	False		
EXEC_BITS[188]	Bool	false	False	False	False	False	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
EXEC_BITS[189]	Bool	false	False	False	False	False	False		
EXEC_BITS[190]	Bool	false	False	False	False	False	False		
EXEC_BITS[191]	Bool	false	False	False	False	False	False		
EXEC_BITS[192]	Bool	false	False	False	False	False	False		
EXEC_BITS[193]	Bool	false	False	False	False	False	False		
EXEC_BITS[194]	Bool	false	False	False	False	False	False		
EXEC_BITS[195]	Bool	false	False	False	False	False	False		
EXEC_BITS[196]	Bool	false	False	False	False	False	False		
EXEC_BITS[197]	Bool	false	False	False	False	False	False		
EXEC_BITS[198]	Bool	false	False	False	False	False	False		
EXEC_BITS[199]	Bool	false	False	False	False	False	False		
EXEC_BITS[200]	Bool	false	False	False	False	False	False		
EXEC_BITS[201]	Bool	false	False	False	False	False	False		
EXEC_BITS[202]	Bool	false	False	False	False	False	False		
EXEC_BITS[203]	Bool	false	False	False	False	False	False		
EXEC_BITS[204]	Bool	false	False	False	False	False	False		
EXEC_BITS[205]	Bool	false	False	False	False	False	False		
EXEC_BITS[206]	Bool	false	False	False	False	False	False		
EXEC_BITS[207]	Bool	false	False	False	False	False	False		
EXEC_BITS[208]	Bool	false	False	False	False	False	False		
EXEC_BITS[209]	Bool	false	False	False	False	False	False		
EXEC_BITS[210]	Bool	false	False	False	False	False	False		
EXEC_BITS[211]	Bool	false	False	False	False	False	False		
EXEC_BITS[212]	Bool	false	False	False	False	False	False		
EXEC_BITS[213]	Bool	false	False	False	False	False	False		
EXEC_BITS[214]	Bool	false	False	False	False	False	False		
EXEC_BITS[215]	Bool	false	False	False	False	False	False		
EXEC_BITS[216]	Bool	false	False	False	False	False	False		
EXEC_BITS[217]	Bool	false	False	False	False	False	False		
EXEC_BITS[218]	Bool	false	False	False	False	False	False		
EXEC_BITS[219]	Bool	false	False	False	False	False	False		
EXEC_BITS[220]	Bool	false	False	False	False	False	False		
EXEC_BITS[221]	Bool	false	False	False	False	False	False		
EXEC_BITS[222]	Bool	false	False	False	False	False	False		
EXEC_BITS[223]	Bool	false	False	False	False	False	False		
EXEC_BITS[224]	Bool	false	False	False	False	False	False		
EXEC_BITS[225]	Bool	false	False	False	False	False	False		
EXEC_BITS[226]	Bool	false	False	False	False	False	False		
EXEC_BITS[227]	Bool	false	False	False	False	False	False		
EXEC_BITS[228]	Bool	false	False	False	False	False	False		
EXEC_BITS[229]	Bool	false	False	False	False	False	False		
EXEC_BITS[230]	Bool	false	False	False	False	False	False		
EXEC_BITS[231]	Bool	false	False	False	False	False	False		
EXEC_BITS[232]	Bool	false	False	False	False	False	False		
EXEC_BITS[233]	Bool	false	False	False	False	False	False		
EXEC_BITS[234]	Bool	false	False	False	False	False	False		
EXEC_BITS[235]	Bool	false	False	False	False	False	False		
EXEC_BITS[236]	Bool	false	False	False	False	False	False		
EXEC_BITS[237]	Bool	false	False	False	False	False	False		
EXEC_BITS[238]	Bool	false	False	False	False	False	False		
EXEC_BITS[239]	Bool	false	False	False	False	False	False		
EXEC_BITS[240]	Bool	false	False	False	False	False	False		
EXEC_BITS[241]	Bool	false	False	False	False	False	False		
EXEC_BITS[242]	Bool	false	False	False	False	False	False		
EXEC_BITS[243]	Bool	false	False	False	False	False	False		
EXEC_BITS[244]	Bool	false	False	False	False	False	False		
EXEC_BITS[245]	Bool	false	False	False	False	False	False		
EXEC_BITS[246]	Bool	false	False	False	False	False	False		
EXEC_BITS[247]	Bool	false	False	False	False	False	False		
EXEC_BITS[248]	Bool	false	False	False	False	False	False		
EXEC_BITS[249]	Bool	false	False	False	False	False	False		
▼ OFFSETS	G7_Offsets-Plus_V6		False	False	False	False	True		
SINI_OFFSET	UInt	0	False	False	False	False	False		
LSTT_OFFSET	UInt	16	False	False	False	False	False		
ATAJ_OFFSET	UInt	28	False	False	False	False	False		
ATAB_OFFSET	UInt	40	False	False	False	False	False		
PSTT_OFFSET	UInt	52	False	False	False	False	False		
NSTT_OFFSET	UInt	64	False	False	False	False	False		
ASSJ_OFFSET	UInt	76	False	False	False	False	False		
ASSB_OFFSET	UInt	94	False	False	False	False	False		
PTTS_OFFSET	UInt	112	False	False	False	False	False		
NTTS_OFFSET	UInt	130	False	False	False	False	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
SW_SQTS_OFFSET	UInt	148	False	False	False	False	False		
SWITCH_OFFSET	UInt	166	False	False	False	False	False		
TVX_OFFSET	UInt	203	False	False	False	False	False		
TTX_OFFSET	UInt	219	False	False	False	False	False		
TSX_OFFSET	UInt	235	False	False	False	False	False		
S00X_OFFSET	UInt	251	False	False	False	False	False		
SOFFX_OFFSET	UInt	267	False	False	False	False	False		
SONX_OFFSET	UInt	283	False	False	False	False	False		
SAX_OFFSET	UInt	299	False	False	False	False	False		
SERRX_OFFSET	UInt	315	False	False	False	False	False		
SMX_OFFSET	UInt	334	False	False	False	False	False		
S0X_OFFSET	UInt	353	False	False	False	False	False		
S1X_OFFSET	UInt	372	False	False	False	False	False		
THRESHOLD_SUP	USInt	0	False	False	False	False	False		
THRESHOLD_WARN	USInt	0	False	False	False	False	False		
GC_FLAGS	G7_GCFlags-Plus_V6		False	False	False	False	True		
COND_ED	USInt	16#E3	False	False	False	False	False		
SSKIP_ON	Bool	false	False	False	False	False	False		
ACK_REQ	Bool	true	False	False	False	False	False		
ILP_MAN	Bool	false	False	False	False	False	False		
SWM_LOCKED	Bool	false	False	False	False	False	False		
SET_ENO	Bool	false	False	False	False	False	False		
IL_CAT	USInt	1	False	False	False	False	False		
IL_SUBCAT_1	USInt	0	False	False	False	False	False		
IL_SUBCAT_2	USInt	0	False	False	False	False	False		
REACT_CAT	USInt	1	False	False	False	False	False		
REACT_SUBCAT_1	USInt	0	False	False	False	False	False		
REACT_SUBCAT_2	USInt	0	False	False	False	False	False		
WARN_CAT	USInt	2	False	False	False	False	False		
WARN_SUBCAT_1	USInt	0	False	False	False	False	False		
WARN_SUBCAT_2	USInt	0	False	False	False	False	False		
CRIT_ON	Bool	false	False	False	False	False	False		
Trans1	G7_Transition-Plus_V6		False	False	False	False	True		Transition structure
TV	Bool	false	False	False	False	False	False		
TT	Bool	false	False	False	False	False	False		
TS	Bool	false	False	False	False	False	False		
TNO	Int	1	False	False	False	False	False		
CRIT	DWord	16#0	False	False	False	False	False		
CRIT_OLD	DWord	16#0	False	False	False	False	False		
CRIT_FLT	DWord	16#0	False	False	False	False	False		
Trans2	G7_Transition-Plus_V6		False	False	False	False	True		Transition structure
TV	Bool	false	False	False	False	False	False		
TT	Bool	false	False	False	False	False	False		
TS	Bool	false	False	False	False	False	False		
TNO	Int	2	False	False	False	False	False		
CRIT	DWord	16#0	False	False	False	False	False		
CRIT_OLD	DWord	16#0	False	False	False	False	False		
CRIT_FLT	DWord	16#0	False	False	False	False	False		
Trans3	G7_Transition-Plus_V6		False	False	False	False	True		Transition structure
TV	Bool	false	False	False	False	False	False		
TT	Bool	false	False	False	False	False	False		
TS	Bool	false	False	False	False	False	False		
TNO	Int	3	False	False	False	False	False		
CRIT	DWord	16#0	False	False	False	False	False		
CRIT_OLD	DWord	16#0	False	False	False	False	False		
CRIT_FLT	DWord	16#0	False	False	False	False	False		
Trans4	G7_Transition-Plus_V6		False	False	False	False	True		Transition structure
TV	Bool	false	False	False	False	False	False		
TT	Bool	false	False	False	False	False	False		
TS	Bool	false	False	False	False	False	False		
TNO	Int	4	False	False	False	False	False		
CRIT	DWord	16#0	False	False	False	False	False		
CRIT_OLD	DWord	16#0	False	False	False	False	False		
CRIT_FLT	DWord	16#0	False	False	False	False	False		
Trans5	G7_Transition-Plus_V6		False	False	False	False	True		Transition structure
TV	Bool	false	False	False	False	False	False		
TT	Bool	false	False	False	False	False	False		
TS	Bool	false	False	False	False	False	False		
TNO	Int	5	False	False	False	False	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
CRIT	DWord	16#0	False	False	False	False	False		
CRIT_OLD	DWord	16#0	False	False	False	False	False		
CRIT_FLT	DWord	16#0	False	False	False	False	False		
Trans6	G7_Transition-Plus_V6		False	False	False	False	True		Transition structure
TV	Bool	false	False	False	False	False	False		
TT	Bool	false	False	False	False	False	False		
TS	Bool	false	False	False	False	False	False		
TNO	Int	6	False	False	False	False	False		
CRIT	DWord	16#0	False	False	False	False	False		
CRIT_OLD	DWord	16#0	False	False	False	False	False		
CRIT_FLT	DWord	16#0	False	False	False	False	False		
Trans7	G7_Transition-Plus_V6		False	False	False	False	True		Transition structure
TV	Bool	false	False	False	False	False	False		
TT	Bool	false	False	False	False	False	False		
TS	Bool	false	False	False	False	False	False		
TNO	Int	7	False	False	False	False	False		
CRIT	DWord	16#0	False	False	False	False	False		
CRIT_OLD	DWord	16#0	False	False	False	False	False		
CRIT_FLT	DWord	16#0	False	False	False	False	False		
Trans8	G7_Transition-Plus_V6		False	False	False	False	True		Transition structure
TV	Bool	false	False	False	False	False	False		
TT	Bool	false	False	False	False	False	False		
TS	Bool	false	False	False	False	False	False		
TNO	Int	8	False	False	False	False	False		
CRIT	DWord	16#0	False	False	False	False	False		
CRIT_OLD	DWord	16#0	False	False	False	False	False		
CRIT_FLT	DWord	16#0	False	False	False	False	False		
Trans9	G7_Transition-Plus_V6		False	False	False	False	True		Transition structure
TV	Bool	false	False	False	False	False	False		
TT	Bool	false	False	False	False	False	False		
TS	Bool	false	False	False	False	False	False		
TNO	Int	9	False	False	False	False	False		
CRIT	DWord	16#0	False	False	False	False	False		
CRIT_OLD	DWord	16#0	False	False	False	False	False		
CRIT_FLT	DWord	16#0	False	False	False	False	False		
Trans10	G7_Transition-Plus_V6		False	False	False	False	True		Transition structure
TV	Bool	false	False	False	False	False	False		
TT	Bool	false	False	False	False	False	False		
TS	Bool	false	False	False	False	False	False		
TNO	Int	10	False	False	False	False	False		
CRIT	DWord	16#0	False	False	False	False	False		
CRIT_OLD	DWord	16#0	False	False	False	False	False		
CRIT_FLT	DWord	16#0	False	False	False	False	False		
Trans11	G7_Transition-Plus_V6		False	False	False	False	True		Transition structure
TV	Bool	false	False	False	False	False	False		
TT	Bool	false	False	False	False	False	False		
TS	Bool	false	False	False	False	False	False		
TNO	Int	11	False	False	False	False	False		
CRIT	DWord	16#0	False	False	False	False	False		
CRIT_OLD	DWord	16#0	False	False	False	False	False		
CRIT_FLT	DWord	16#0	False	False	False	False	False		
Trans12	G7_Transition-Plus_V6		False	False	False	False	True		Transition structure
TV	Bool	false	False	False	False	False	False		
TT	Bool	false	False	False	False	False	False		
TS	Bool	false	False	False	False	False	False		
TNO	Int	12	False	False	False	False	False		
CRIT	DWord	16#0	False	False	False	False	False		
CRIT_OLD	DWord	16#0	False	False	False	False	False		
CRIT_FLT	DWord	16#0	False	False	False	False	False		
Start	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	1	False	False	False	False	False		
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		
Fill NaOH	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	2	False	False	False	False	False		
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		
Fill Powder M001	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	3	False	False	False	False	False		
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Start Mixing	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	4	False	False	False	False	False		
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		
Empty MIX Tank	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	5	False	False	False	False	False		
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		
Stop Water	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	6	False	False	False	False	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		
Close NaOH valve	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	7	False	False	False	False	False		
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		
Powder Motor Stop	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	8	False	False	False	False	False		
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		
Stop Mixing	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	9	False	False	False	False	False		
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		
Empty Storage Tank	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	10	False	False	False	False	False		
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		
Stop emptying	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	11	False	False	False	False	False		
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Exit valve open	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	12	False	False	False	False	False		
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		
Step13	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	13	False	False	False	False	False		
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		
Not to Storage	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	14	False	False	False	False	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		
Exit valve close	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	15	False	False	False	False	False		
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		
Valve 521 Stays open	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	16	False	False	False	False	False		
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		
Fill water	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	17	False	False	False	False	False		
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		
Step18	G7_StepPlus_V6		False	False	False	False	True		Step structure
S1	Bool	false	False	False	False	False	False		
L1	Bool	false	False	False	False	False	False		
V1	Bool	false	False	False	False	False	False		
R1	Bool	false	False	False	False	False	False		
A1	Bool	false	False	False	False	False	False		
S0	Bool	false	False	False	False	False	False		
L0	Bool	false	False	False	False	False	False		
V0	Bool	false	False	False	False	False	False		
X	Bool	false	False	False	False	False	False		
LA	Bool	false	False	False	False	False	False		
VA	Bool	false	False	False	False	False	False		
RA	Bool	false	False	False	False	False	False		
AA	Bool	false	False	False	False	False	False		
SS	Bool	false	False	False	False	False	False		
LS	Bool	true	False	False	False	False	False		
VS	Bool	false	False	False	False	False	False		
SNO	Int	18	False	False	False	False	False		
T	Time	T#0ms	False	False	False	False	False		
U	Time	T#0ms	False	False	False	False	False		
T_MAX	Time	T#10S	False	False	False	False	False		
T_WARN	Time	T#7S	False	False	False	False	False		
CRIT_LOC	DWord	16#0	False	False	False	False	False		
CRIT_LOC_ERR	DWord	16#0	False	False	False	False	False		
SM	Bool	false	False	False	False	False	False		
H_IL_ERR	Byte	16#0	False	False	False	False	False		
H_SV_FLT	Byte	16#04	False	False	False	False	False		

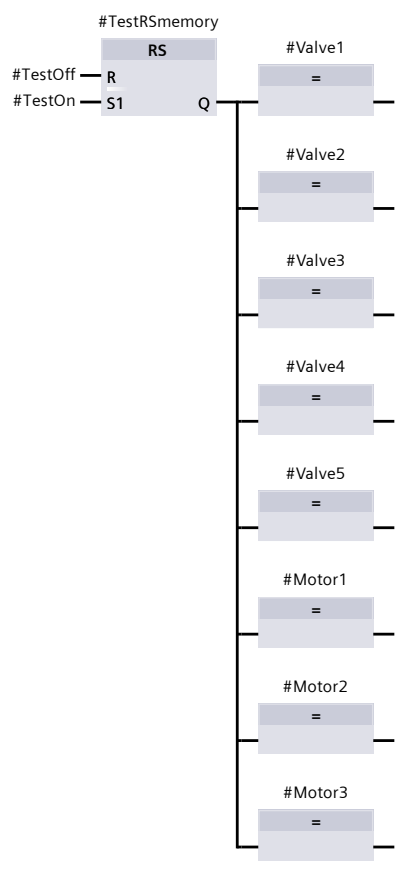
ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks

FB_TestMode [FB9]

FB_TestMode Properties							
General							
Name	FB_TestMode	**Number**	9	**Type**	FB	**Language**	FBD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
TestOn	Bool	false	Non-retain	True	True	True	False		Test mode enable
TestOff	Bool	false	Non-retain	True	True	True	False		
Output									
Valve1	Bool	false	Non-retain	True	True	True	False		
Valve2	Bool	false	Non-retain	True	True	True	False		
Valve3	Bool	false	Non-retain	True	True	True	False		
Valve4	Bool	false	Non-retain	True	True	True	False		
Valve5	Bool	false	Non-retain	True	True	True	False		
Motor1	Bool	false	Non-retain	True	True	True	False		
Motor2	Bool	false	Non-retain	True	True	True	False		
Motor3	Bool	false	Non-retain	True	True	True	False		
InOut									
Static									
TestRSmemory	Bool	false	Non-retain	True	True	True	False		
Temp									
Constant									

Network 1:



ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks

DB_TestMode [DB24]

DB_TestMode Properties							
General							
Name	DB_TestMode	**Number**	24	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
TestOn	Bool	false	False	True	True	True	False		Test mode enable
TestOff	Bool	false	False	True	True	True	False		
Output									
Valve1	Bool	false	False	True	True	True	False		
Valve2	Bool	false	False	True	True	True	False		
Valve3	Bool	false	False	True	True	True	False		
Valve4	Bool	false	False	True	True	True	False		
Valve5	Bool	false	False	True	True	True	False		
Motor1	Bool	false	False	True	True	True	False		
Motor2	Bool	false	False	True	True	True	False		
Motor3	Bool	false	False	True	True	True	False		
InOut									
Static									
TestRSmemory	Bool	false	False	True	True	True	False		

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / System blocks / Program resources

MixTankMotorTImer [DB2]

MixTankMotorTImer Properties							
General							
Name	MixTankMotorTImer	**Number**	2	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	Simatic	**Comment**		**Family**	IEC
Version	1.0	**User-defined ID**	IEC_TMR				

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Static									
PT	Time	T#0ms	False	True	True	True	False		
ET	Time	T#0ms	False	True	False	True	False		
IN	Bool	false	False	True	True	True	False		
Q	Bool	false	False	True	False	True	False		

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Motors / Generic Motors

FC_Motor_Set [FC5]

FC_Motor_Set Properties							
General							
Name	FC_Motor_Set	**Number**	5	**Type**	FC	**Language**	FBD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
bStart_IFC	Bool		Start request for motor
Output			
bSet_QFC	Bool		Set signal to motor memory
InOut			
Temp			
Constant			
Return			
FC_Motor_Set	Void		

Network 1: Set signal to motor memory

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Motors / Generic Motors

FC_Motor_Reset [FC6]

FC_Motor_Reset Properties							
General							
Name	FC_Motor_Reset	**Number**	6	**Type**	FC	**Language**	FBD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
bStop_IFC	Bool		Stop request for motor
Output			
bReset_QFC	Bool		Reset signal to motor memory
InOut			
Temp			
Constant			
Return			
FC_Motor_Reset	Void		

Network 1: Reset output

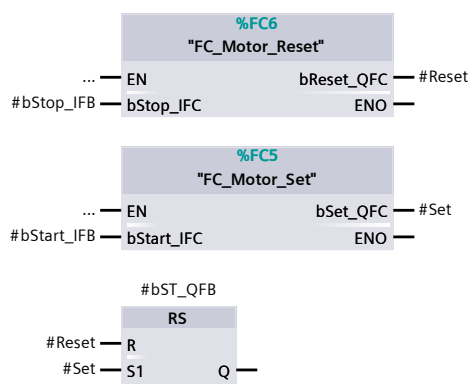
ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Motors / Generic Motors

FB_Motor [FB11]

FB_Motor Properties							
General							
Name	FB_Motor	**Number**	11	**Type**	FB	**Language**	FBD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
bStart_IFB	Bool	false	Non-retain	True	True	True	False		
bStop_IFB	Bool	false	Non-retain	True	True	True	False		
Output									
bST_QFB	Bool	false	Non-retain	True	True	True	False		
InOut									
Static									
Temp									
Reset	Bool								
Set	Bool								
Constant									

Network 1:



ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Motors / Data Blocks

DB_M001 [DB10]

DB_M001 Properties							
General							
Name	DB_M001	**Number**	10	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
bStart_IFB	Bool	false	False	True	True	True	False		
bStop_IFB	Bool	false	False	True	True	True	False		
Output									
bST_QFB	Bool	false	False	True	True	True	False		
InOut									
Static									

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Motors / Data Blocks

DB_M002 [DB14]

DB_M002 Properties							
General							
Name	DB_M002	**Number**	14	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
bStart_IFB	Bool	false	False	True	True	True	False		
bStop_IFB	Bool	false	False	True	True	True	False		
Output									
bST_QFB	Bool	false	False	True	True	True	False		
InOut									
Static									

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Motors / Data Blocks

DB_M003 [DB18]

DB_M003 Properties							
General							
Name	DB_M003	**Number**	18	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
bStart_IFB	Bool	false	False	True	True	True	False		
bStop_IFB	Bool	false	False	True	True	True	False		
Output									
bST_QFB	Bool	false	False	True	True	True	False		
InOut									
Static									

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Sensors / Generic Blocks

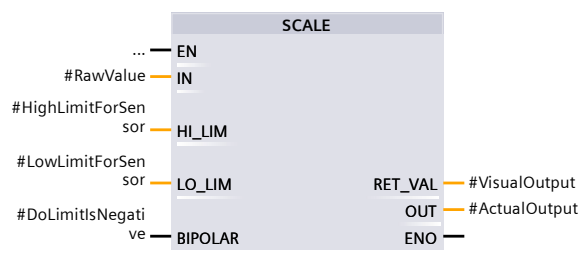
FC_Scale [FC2]

FC_Scale Properties							
General							
Name	FC_Scale	**Number**	2	**Type**	FC	**Language**	FBD
Numbering	Automatic						
Information							
Title	Scaling for Sensors	**Author**		**Comment**	This is a basic mechanism for scaling Sensors. For details about using Function scale, visit this website https://support.industry.siemens.com/cs/document/1765297/how-and-for-which-analog-measurements-can-you-use-the-function-fc105-scale-to-convert-the-integer-values-(int)-into-real-number-values-?dti=0&lc=en-SZ	**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
RawValue	Int		Connect the sensor Straight here. 4-20mA = 0-27648 Integers.
HighLimitForSensor	Real		High limit required in plan
LowLimitForSensor	Real		Low limit required in plan
DoLimitIsNegative	Bool		If limit is negative then Bipolar:= true elseif positive then unipolar:= true
Output			
ActualOutput	Real		Usable output for futher use.
VisualOutput	Word		Visual Output for further use.
InOut			
Temp			
Constant			
Return			
FC_Scale	Void		

Network 1:

Basci scale block



ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Sensors / Generic Blocks

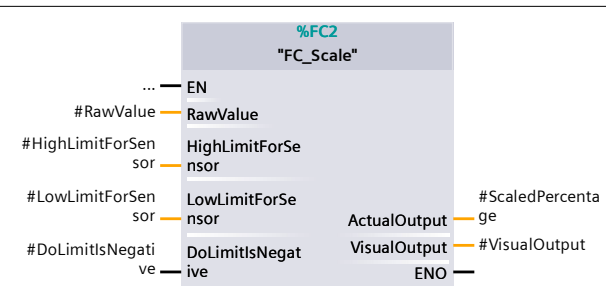
SensorScaling [FB3]

SensorScaling Properties							
General							
Name	SensorScaling	**Number**	3	**Type**	FB	**Language**	FBD
Numbering	Automatic						
Information							
Title	Sensor Fb Block	**Author**		**Comment**	The idea is to call this from FC and then call it into OB and connect sensors individ-ually, by doing that DB in-stance can be created for sensors and everythin will be connected inside one and highest layer, this will help in maintenance, monitoring, optimization, further analy-sis and future possiblities.	**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
RawValue	Int	0	Non-retain	False	False	False	False		Connect the sensor Straight here. 4-20mA = 0-27648 In-tegers.
HighLimitForSensor	Real	0.0	Non-retain	False	False	False	False		High limit required in plan
LowLimitForSensor	Real	0.0	Non-retain	False	False	False	False		Low limit required in plan
DoLimitIsNegative	Bool	false	Non-retain	False	False	False	False		If limit is negative then Bipo-lar:= true elseif positive then unipolar:= true
Output									
VisualOutput	Word	16#0	Non-retain	False	False	False	False		Visual Output for further use.
ScaledPercentage	Real	0.0	Non-retain	True	True	True	False		
InOut									
Static									
Result	Real	0.0	Non-retain	True	True	True	False		
ActualOutput	Real	0.0	Non-retain	False	False	False	False		Usable output for futher use.
Temp									
Constant									

Network 1:

Basic FC to FB call.



ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Sensors / DataBlocks

DB_Sensor_LI_515 [DB15]

DB_Sensor_LI_515 Properties							
General							
Name	DB_Sensor_LI_515	**Number**	15	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
RawValue	Int	0	False	False	False	False	False		Connect the sensor Straight here. 4-20mA = 0-27648 Integers.
HighLimitForSensor	Real	0.0	False	False	False	False	False		High limit required in plan
LowLimitForSensor	Real	0.0	False	False	False	False	False		Low limit required in plan
DoLimitIsNegative	Bool	false	False	False	False	False	False		If limit is negative then Bipolar:= true elseif positive then unipolar:= true
Output									
VisualOutput	Word	16#0	False	False	False	False	False		Visual Output for further use.
ScaledPercentage	Real	0.0	False	True	True	True	False		
InOut									
Static									
Result	Real	0.0	False	True	True	True	False		
ActualOutput	Real	0.0	False	False	False	False	False		Usable output for futher use.

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Sensors / DataBlocks

Db_Sensor_TI_517 [DB16]

Db_Sensor_TI_517 Properties							
General							
Name	Db_Sensor_TI_517	**Number**	16	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
RawValue	Int	0	False	False	False	False	False		Connect the sensor Straight here. 4-20mA = 0-27648 Integers.
HighLimitForSensor	Real	0.0	False	False	False	False	False		High limit required in plan
LowLimitForSensor	Real	0.0	False	False	False	False	False		Low limit required in plan
DoLimitIsNegative	Bool	false	False	False	False	False	False		If limit is negative then Bipolar:= true elseif positive then unipolar:= true
Output									
VisualOutput	Word	16#0	False	False	False	False	False		Visual Output for further use.
ScaledPercentage	Real	0.0	False	True	True	True	False		
InOut									
Static									
Result	Real	0.0	False	True	True	True	False		
ActualOutput	Real	0.0	False	False	False	False	False		Usable output for futher use.

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Sensors / DataBlocks

DB_Sensor_TI_518 [DB17]

DB_Sensor_TI_518 Properties							
General							
Name	DB_Sensor_TI_518	**Number**	17	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
RawValue	Int	0	False	False	False	False	False		Connect the sensor Straight here. 4-20mA = 0-27648 Integers.
HighLimitForSensor	Real	0.0	False	False	False	False	False		High limit required in plan
LowLimitForSensor	Real	0.0	False	False	False	False	False		Low limit required in plan
DoLimitIsNegative	Bool	false	False	False	False	False	False		If limit is negative then Bipolar:= true elseif positive then unipolar:= true
Output									
VisualOutput	Word	16#0	False	False	False	False	False		Visual Output for further use.
ScaledPercentage	Real	0.0	False	True	True	True	False		
InOut									
Static									
Result	Real	0.0	False	True	True	True	False		
ActualOutput	Real	0.0	False	False	False	False	False		Usable output for futher use.

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Sensors / DataBlocks

DB_Sensor_WI_512 [DB12]

DB_Sensor_WI_512 Properties							
General							
Name	DB_Sensor_WI_512	**Number**	12	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
RawValue	Int	0	False	False	False	False	False		Connect the sensor Straight here. 4-20mA = 0-27648 Integers.
HighLimitForSensor	Real	0.0	False	False	False	False	False		High limit required in plan
LowLimitForSensor	Real	0.0	False	False	False	False	False		Low limit required in plan
DoLimitIsNegative	Bool	false	False	False	False	False	False		If limit is negative then Bipolar:= true elseif positive then unipolar:= true
Output									
VisualOutput	Word	16#0	False	False	False	False	False		Visual Output for further use.
ScaledPercentage	Real	0.0	False	True	True	True	False		
InOut									
Static									
Result	Real	0.0	False	True	True	True	False		
ActualOutput	Real	0.0	False	False	False	False	False		Usable output for futher use.

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Sensors / DataBlocks

DB_Sensor_FIC_516 [DB4]

DB_Sensor_FIC_516 Properties							
General							
Name	DB_Sensor_FIC_516	**Number**	4	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
RawValue	Int	0	False	False	False	False	False		Connect the sensor Straight here. 4-20mA = 0-27648 Integers.
HighLimitForSensor	Real	0.0	False	False	False	False	False		High limit required in plan
LowLimitForSensor	Real	0.0	False	False	False	False	False		Low limit required in plan
DoLimitIsNegative	Bool	false	False	False	False	False	False		If limit is negative then Bipolar:= true elseif positive then unipolar:= true
Output									
VisualOutput	Word	16#0	False	False	False	False	False		Visual Output for further use.
ScaledPercentage	Real	0.0	False	True	True	True	False		
InOut									
Static									
Result	Real	0.0	False	True	True	True	False		
ActualOutput	Real	0.0	False	False	False	False	False		Usable output for futher use.

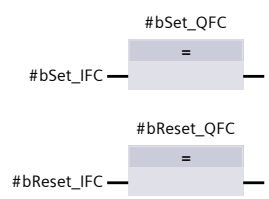
ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Valves / Generic valves

Valves [FC1]

Valves Properties							
General							
Name	Valves	**Number**	1	**Type**	FC	**Language**	FBD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
bSet_IFC	Bool		Set valve open command
bReset_IFC	Bool		Reset valve close command
Output			
bSet_QFC	Bool		Set signal to valve memory
bReset_QFC	Bool		Reset signal to valve memory
InOut			
Temp			
Constant			
Return			
Valves	Void		

Network 1: Set signal to valve memory



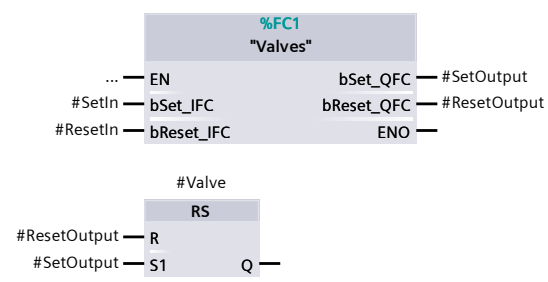
ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Valves / Generic valves

FB_Valve [FB2]

FB_Valve Properties							
General							
Name	FB_Valve	**Number**	2	**Type**	FB	**Language**	FBD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
SetIn	Bool	false	Non-retain	True	True	True	False		
ResetIn	Bool	false	Non-retain	True	True	True	False		
Output									
Valve	Bool	false	Non-retain	True	True	True	False		
InOut									
Static									
Temp									
SetOutput	Bool								
ResetOutput	Bool								
Constant									

Network 1:



ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Valves / DataBlock_Valves

DB_GSV_510 [DB5]

DB_GSV_510 Properties							
General							
Name	DB_GSV_510	**Number**	5	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
SetIn	Bool	false	False	True	True	True	False		
ResetIn	Bool	false	False	True	True	True	False		
Output									
Valve	Bool	false	False	True	True	True	False		
InOut									
Static									

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Valves / DataBlock_Valves

DB_GSV_511 [DB6]

DB_GSV_511 Properties							
General							
Name	DB_GSV_511	**Number**	6	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
SetIn	Bool	false	False	True	True	True	False		
ResetIn	Bool	false	False	True	True	True	False		
Output									
Valve	Bool	false	False	True	True	True	False		
InOut									
Static									

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Valves / DataBlock_Valves

DB_GSV_514 [DB7]

DB_GSV_514 Properties							
General							
Name	DB_GSV_514	**Number**	7	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
SetIn	Bool	false	False	True	True	True	False		
ResetIn	Bool	false	False	True	True	True	False		
Output									
Valve	Bool	false	False	True	True	True	False		
InOut									
Static									

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Valves / DataBlock_Valves

DB_GSV_519 [DB8]

DB_GSV_519 Properties							
General							
Name	DB_GSV_519	**Number**	8	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
SetIn	Bool	false	False	True	True	True	False		
ResetIn	Bool	false	False	True	True	True	False		
Output									
Valve	Bool	false	False	True	True	True	False		
InOut									
Static									

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Valves / DataBlock_Valves

DB_GSV_521 [DB9]

DB_GSV_521 Properties							
General							
Name	DB_GSV_521	**Number**	9	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
SetIn	Bool	false	False	True	True	True	False		
ResetIn	Bool	false	False	True	True	True	False		
Output									
Valve	Bool	false	False	True	True	True	False		
InOut									
Static									

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Process / Data Blocks

DB_HMI [DB19]

DB_HMI Properties							
General							
Name	DB_HMI	**Number**	19	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
bStartButton	Bool	false	False	True	True	True	False		
bStopButton	Bool	false	False	True	True	True	False		
bResetButton	Bool	false	False	True	True	True	False		
bAutoSelected	Bool	false	False	True	True	True	False		
bManualSelected	Bool	false	False	True	True	True	False		
Output									
bStartCmd	Bool	false	False	True	True	True	False		
bStopCmd	Bool	false	False	True	True	True	False		
bResetCmd	Bool	false	False	True	True	True	False		
bAutoMode	Bool	false	False	True	True	True	False		
bManualMode	Bool	false	False	True	True	True	False		
InOut									
Static									

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Process / Data Blocks

DB_AutoMode [DB20]

DB_AutoMode Properties							
General							
Name	DB_AutoMode	**Number**	20	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
bAutoSelected	Bool	false	False	True	True	True	False		
bStart	Bool	false	False	True	True	True	False		
bStop	Bool	false	False	True	True	True	False		
Output									
bAutoEnable	Bool	false	False	True	True	True	False		
InOut									
Static									

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Process / Data Blocks

DB_Fault [DB23]

DB_Fault Properties							
General							
Name	DB_Fault	**Number**	23	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
bEStopActive	Bool	false	False	True	True	True	False		
bSensorFault	Bool	false	False	True	True	True	False		
bDeviceFault	Bool	false	False	True	True	True	False		
bReset	Bool	false	False	True	True	True	False		
Output									
bFaultActive	Bool	false	False	True	True	True	False		
InOut									
Static									

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Process / Data Blocks

DB_ManualMode [DB21]

DB_ManualMode Properties							
General							
Name	DB_ManualMode	**Number**	21	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
bManualSelected	Bool	false	False	True	True	True	False		
bStop	Bool	false	False	True	True	True	False		
Output									
bManualEnable	Bool	false	False	True	True	True	False		
InOut									
Static									

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Process / Data Blocks

DB_Stop [DB22]

DB_Stop Properties							
General							
Name	DB_Stop	**Number**	22	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
bEStopInput	Bool	false	False	True	True	True	False		
Output									
bEStopActive	Bool	false	False	True	True	True	False		
InOut									
Static									

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Process / Process FBs

FB_HMI [FB8]

FB_HMI Properties							
General							
Name	FB_HMI	**Number**	8	**Type**	FB	**Language**	FBD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
bStartButton	Bool	false	Non-retain	True	True	True	False		
bStopButton	Bool	false	Non-retain	True	True	True	False		
bResetButton	Bool	false	Non-retain	True	True	True	False		
bAutoSelected	Bool	false	Non-retain	True	True	True	False		
bManualSelected	Bool	false	Non-retain	True	True	True	False		
Output									
bStartCmd	Bool	false	Non-retain	True	True	True	False		
bStopCmd	Bool	false	Non-retain	True	True	True	False		
bResetCmd	Bool	false	Non-retain	True	True	True	False		
bAutoMode	Bool	false	Non-retain	True	True	True	False		
bManualMode	Bool	false	Non-retain	True	True	True	False		
InOut									
Static									
Temp									
Constant									

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Process / Process FBs

FB_Auto [FB4]

FB_Auto Properties							
General							
Name	FB_Auto	**Number**	4	**Type**	FB	**Language**	FBD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
bAutoSelected	Bool	false	Non-retain	True	True	True	False		
bStart	Bool	false	Non-retain	True	True	True	False		
bStop	Bool	false	Non-retain	True	True	True	False		
Output									
bAutoEnable	Bool	false	Non-retain	True	True	True	False		
InOut									
Static									
Temp									
Constant									

Network 1:

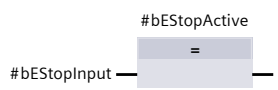
ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Process / Process FBs

FB_EStop [FB6]

FB_EStop Properties							
General							
Name	FB_EStop	**Number**	6	**Type**	FB	**Language**	FBD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
bEStopInput	Bool	false	Non-retain	True	True	True	False		
Output									
bEStopActive	Bool	false	Non-retain	True	True	True	False		
InOut									
Static									
Temp									
Constant									

Network 1:



ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Process / Process FBs

FB_Fault [FB7]

FB_Fault Properties							
General							
Name	FB_Fault	**Number**	7	**Type**	FB	**Language**	FBD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
bEStopActive	Bool	false	Non-retain	True	True	True	False		
bSensorFault	Bool	false	Non-retain	True	True	True	False		
bDeviceFault	Bool	false	Non-retain	True	True	True	False		
bReset	Bool	false	Non-retain	True	True	True	False		
Output									
bFaultActive	Bool	false	Non-retain	True	True	True	False		
InOut									
Static									
Temp									
Constant									

Network 1:

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Program blocks / Process / Process FBs

FB_Manual [FB5]

FB_Manual Properties							
General							
Name	FB_Manual	**Number**	5	**Type**	FB	**Language**	FBD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Input									
bManualSelected	Bool	false	Non-retain	True	True	True	False		
bStop	Bool	false	Non-retain	True	True	True	False		
Output									
bManualEnable	Bool	false	Non-retain	True	True	True	False		
InOut									
Static									
Temp									
Constant									

Network 1:

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Technology objects

DB _PID_Compact [DB11]

DB _PID_Compact Properties							
General							
Name	DB _PID_Compact	**Number**	11	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	SIMATIC	**Comment**		**Family**	COMPPID
Version	2.4	**User-defined ID**	PID_Cmpt				

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
Setpoint	Real	0.0	False	True	True	True	False		
Input	Real	0.0	False	True	True	True	False		
Input_PER	Int	0	False	True	True	True	False		
Disturbance	Real	0.0	False	True	True	True	False		
ManualEnable	Bool	false	False	True	True	True	False		
ManualValue	Real	0.0	False	True	True	True	False		
ErrorAck	Bool	false	False	True	True	True	False		
Reset	Bool	false	False	True	True	True	False		
ModeActivate	Bool	false	False	True	True	True	False		
Output									
ScaledInput	Real	0.0	False	True	False	True	False		
Output	Real	0.0	False	True	False	True	False		
Output_PER	Int	0	False	True	False	True	False		
Output_PWM	Bool	false	False	True	False	True	False		
SetpointLimit_H	Bool	false	False	True	False	True	False		
SetpointLimit_L	Bool	false	False	True	False	True	False		
InputWarning_H	Bool	false	False	True	False	True	False		
InputWarning_L	Bool	false	False	True	False	True	False		
State	Int	0	False	True	False	True	False		
Error	Bool	false	False	True	False	True	False		
ErrorBits	DWord	16#0	True	True	False	True	False		
InOut									
Mode	Int	4	True	True	True	True	False		
Static									
InternalDiagnostic	DWord	0	False	False	False	False	False		
InternalVersion	DWord	DW#16#02040001	False	True	False	True	False		
InternalRTVersion	DWord	0	False	False	False	False	False		
IntegralResetMode	Int	4	False	True	True	True	True		
OverwriteInitialOutputValue	Real	0.0	False	True	True	True	False		
RunModeByStartup	Bool	true	False	True	True	True	True		
LoadBackUp	Bool	false	False	True	True	True	False		
SetSubstituteOutput	Bool	true	False	True	True	True	True		
PhysicalUnit	Int	0	False	True	False	True	True		
PhysicalQuantity	Int	0	False	True	False	True	True		
ActivateRecoverMode	Bool	true	False	True	True	True	True		
Warning	DWord	16#0	True	True	False	True	False		
WarningInternal	DWord	16#0	True	True	False	True	False		
Progress	Real	0.0	False	True	False	True	False		
CurrentSetpoint	Real	0.0	False	True	False	True	False		
CancelTuningLevel	Real	10.0	False	True	True	True	True		
SubstituteOutput	Real	0.0	False	True	True	True	True		
Config	PID_Compact-Config		False	True	True	True	True		
InputPerOn	Bool	true	False	True	True	True	True		
InvertControl	Bool	false	False	True	True	True	True		
InputUpperLimit	Real	120.0	False	True	True	True	True		
InputLowerLimit	Real	0.0	False	True	True	True	True		
InputUpperWarning	Real	3.402822e+38	False	True	True	True	True		
InputLowerWarning	Real	-3.402822e+38	False	True	True	True	True		
OutputUpperLimit	Real	100.0	False	True	True	True	True		
OutputLowerLimit	Real	0.0	False	True	True	True	True		
SetpointUpperLimit	Real	3.402822e+38	False	True	True	True	True		
SetpointLowerLimit	Real	-3.402822e+38	False	True	True	True	True		
MinimumOnTime	Real	0.0	False	True	True	True	True		
MinimumOffTime	Real	0.0	False	True	True	True	True		
InputScaling	PID_Scaling		False	True	True	True	True		
UpperPointIn	Real	27648.0	False	True	True	True	True		
LowerPointIn	Real	0.0	False	True	True	True	True		
UpperPointOut	Real	100.0	False	True	True	True	True		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
LowerPointOut	Real	0.0	False	True	True	True	True		
CycleTime	PID_CycleTime		False	True	True	True	True		
StartEstimation	Bool	true	False	True	True	True	False		
EnEstimation	Bool	true	False	True	True	True	True		
EnMonitoring	Bool	true	False	True	True	True	True		
Value	Real	0.1	False	True	True	True	True		
CtrlParamsBackUp	PID_Compact-ControlParams		False	True	True	True	True		
Gain	Real	1.0	False	True	True	True	True		
Ti	Real	20.0	False	True	True	True	True		
Td	Real	0.0	False	True	True	True	True		
TdFiltRatio	Real	0.2	False	True	True	True	True		
PWeighting	Real	1.0	False	True	True	True	True		
DWeighting	Real	1.0	False	True	True	True	True		
Cycle	Real	1.0	False	True	True	True	True		
PIDSelfTune	PID_Compact-SelfTune		False	True	True	True	True		
SUT	PID_Compact_SUT		False	True	True	True	True		
CalculateParams	Bool	false	False	True	True	True	False		
TuneRule	Int	0	False	True	True	True	True		
State	Int	0	False	True	False	True	False		
TIR	PID_Compact_TIR		False	True	True	True	True		
RunIn	Bool	false	False	True	True	True	False		
CalculateParams	Bool	false	False	True	True	True	False		
TuneRule	Int	0	False	True	True	True	True		
State	Int	0	False	True	False	True	False		
PIDCtrl	PID_Compact-Control		False	True	True	True	True		
PIDInit	Bool	false	False	True	True	True	False		
IntegralSum	Real	0.0	False	True	True	True	False		
Retain	PID_CompactRetain		True	True	True	True	True		
CtrlParams	PID_Compact-ControlParams		True	True	True	True	True		
Gain	Real	1.0	True	True	True	True	True		
Ti	Real	20.0	True	True	True	True	True		
Td	Real	0.0	True	True	True	True	True		
TdFiltRatio	Real	0.2	True	True	True	True	True		
PWeighting	Real	1.0	True	True	True	True	True		
DWeighting	Real	1.0	True	True	True	True	True		
Cycle	Real	1.0	True	True	True	True	True		

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Technology objects

PID_Compact_1 [DB1]

PID_Compact_1 Properties							
General							
Name	PID_Compact_1	**Number**	1	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	SIMATIC	**Comment**		**Family**	COMPPID
Version	2.4	**User-defined ID**	PID_Cmpt				

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
Setpoint	Real	0.0	False	True	True	True	False		
Input	Real	0.0	False	True	True	True	False		
Input_PER	Int	0	False	True	True	True	False		
Disturbance	Real	0.0	False	True	True	True	False		
ManualEnable	Bool	false	False	True	True	True	False		
ManualValue	Real	0.0	False	True	True	True	False		
ErrorAck	Bool	false	False	True	True	True	False		
Reset	Bool	false	False	True	True	True	False		
ModeActivate	Bool	false	False	True	True	True	False		
Output									
ScaledInput	Real	0.0	False	True	False	True	False		
Output	Real	0.0	False	True	False	True	False		
Output_PER	Int	0	False	True	False	True	False		
Output_PWM	Bool	false	False	True	False	True	False		
SetpointLimit_H	Bool	false	False	True	False	True	False		
SetpointLimit_L	Bool	false	False	True	False	True	False		
InputWarning_H	Bool	false	False	True	False	True	False		
InputWarning_L	Bool	false	False	True	False	True	False		
State	Int	0	False	True	False	True	False		
Error	Bool	false	False	True	False	True	False		
ErrorBits	DWord	16#0	True	True	False	True	False		
InOut									
Mode	Int	4	True	True	True	True	False		
Static									
InternalDiagnostic	DWord	0	False	False	False	False	False		
InternalVersion	DWord	DW#16#02040001	False	True	False	True	False		
InternalRTVersion	DWord	0	False	False	False	False	False		
IntegralResetMode	Int	4	False	True	True	True	True		
OverwriteInitialOutputValue	Real	0.0	False	True	True	True	False		
RunModeByStartup	Bool	true	False	True	True	True	True		
LoadBackUp	Bool	false	False	True	True	True	False		
SetSubstituteOutput	Bool	true	False	True	True	True	True		
PhysicalUnit	Int	0	False	True	False	True	True		
PhysicalQuantity	Int	0	False	True	False	True	True		
ActivateRecoverMode	Bool	true	False	True	True	True	True		
Warning	DWord	16#0	True	True	False	True	False		
WarningInternal	DWord	16#0	True	True	False	True	False		
Progress	Real	0.0	False	True	False	True	False		
CurrentSetpoint	Real	0.0	False	True	False	True	False		
CancelTuningLevel	Real	10.0	False	True	True	True	True		
SubstituteOutput	Real	0.0	False	True	True	True	True		
Config	PID_Compact-Config		False	True	True	True	True		
InputPerOn	Bool	true	False	True	True	True	True		
InvertControl	Bool	false	False	True	True	True	True		
InputUpperLimit	Real	120.0	False	True	True	True	True		
InputLowerLimit	Real	0.0	False	True	True	True	True		
InputUpperWarning	Real	3.402822e+38	False	True	True	True	True		
InputLowerWarning	Real	-3.402822e+38	False	True	True	True	True		
OutputUpperLimit	Real	100.0	False	True	True	True	True		
OutputLowerLimit	Real	0.0	False	True	True	True	True		
SetpointUpperLimit	Real	3.402822e+38	False	True	True	True	True		
SetpointLowerLimit	Real	-3.402822e+38	False	True	True	True	True		
MinimumOnTime	Real	0.0	False	True	True	True	True		
MinimumOffTime	Real	0.0	False	True	True	True	True		
InputScaling	PID_Scaling		False	True	True	True	True		
UpperPointIn	Real	27648.0	False	True	True	True	True		
LowerPointIn	Real	0.0	False	True	True	True	True		
UpperPointOut	Real	100.0	False	True	True	True	True		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
LowerPointOut	Real	0.0	False	True	True	True	True		
CycleTime	PID_CycleTime		False	True	True	True	True		
StartEstimation	Bool	true	False	True	True	True	False		
EnEstimation	Bool	true	False	True	True	True	True		
EnMonitoring	Bool	true	False	True	True	True	True		
Value	Real	0.1	False	True	True	True	True		
CtrlParamsBackUp	PID_Compact-ControlParams		False	True	True	True	True		
Gain	Real	1.0	False	True	True	True	True		
Ti	Real	20.0	False	True	True	True	True		
Td	Real	0.0	False	True	True	True	True		
TdFiltRatio	Real	0.2	False	True	True	True	True		
PWeighting	Real	1.0	False	True	True	True	True		
DWeighting	Real	1.0	False	True	True	True	True		
Cycle	Real	1.0	False	True	True	True	True		
PIDSelfTune	PID_Compact-SelfTune		False	True	True	True	True		
SUT	PID_Compact_SUT		False	True	True	True	True		
CalculateParams	Bool	false	False	True	True	True	False		
TuneRule	Int	0	False	True	True	True	True		
State	Int	0	False	True	False	True	False		
TIR	PID_Compact_TIR		False	True	True	True	True		
RunIn	Bool	false	False	True	True	True	False		
CalculateParams	Bool	false	False	True	True	True	False		
TuneRule	Int	0	False	True	True	True	True		
State	Int	0	False	True	False	True	False		
PIDCtrl	PID_Compact-Control		False	True	True	True	True		
PIDInit	Bool	false	False	True	True	True	False		
IntegralSum	Real	0.0	False	True	True	True	False		
Retain	PID_CompactRetain		True	True	True	True	True		
CtrlParams	PID_Compact-ControlParams		True	True	True	True	True		
Gain	Real	1.0	True	True	True	True	True		
Ti	Real	20.0	True	True	True	True	True		
Td	Real	0.0	True	True	True	True	True		
TdFiltRatio	Real	0.2	True	True	True	True	True		
PWeighting	Real	1.0	True	True	True	True	True		
DWeighting	Real	1.0	True	True	True	True	True		
Cycle	Real	1.0	True	True	True	True	True		

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Technology objects

PID_M003 [DB13]

PID_M003 Properties							
General							
Name	PID_M003	**Number**	13	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	SIMATIC	**Comment**		**Family**	COMPPID
Version	2.4	**User-defined ID**	PID_Cmpt				

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
Setpoint	Real	0.0	False	True	True	True	False		
Input	Real	0.0	False	True	True	True	False		
Input_PER	Int	0	False	True	True	True	False		
Disturbance	Real	0.0	False	True	True	True	False		
ManualEnable	Bool	false	False	True	True	True	False		
ManualValue	Real	0.0	False	True	True	True	False		
ErrorAck	Bool	false	False	True	True	True	False		
Reset	Bool	false	False	True	True	True	False		
ModeActivate	Bool	false	False	True	True	True	False		
Output									
ScaledInput	Real	0.0	False	True	False	True	False		
Output	Real	0.0	False	True	False	True	False		
Output_PER	Int	0	False	True	False	True	False		
Output_PWM	Bool	false	False	True	False	True	False		
SetpointLimit_H	Bool	false	False	True	False	True	False		
SetpointLimit_L	Bool	false	False	True	False	True	False		
InputWarning_H	Bool	false	False	True	False	True	False		
InputWarning_L	Bool	false	False	True	False	True	False		
State	Int	0	False	True	False	True	False		
Error	Bool	false	False	True	False	True	False		
ErrorBits	DWord	16#0	True	True	False	True	False		
InOut									
Mode	Int	3	True	True	True	True	False		
Static									
InternalDiagnostic	DWord	0	False	False	False	False	False		
InternalVersion	DWord	DW#16#02040001	False	True	False	True	False		
InternalRTVersion	DWord	0	False	False	False	False	False		
IntegralResetMode	Int	4	False	True	True	True	True		
OverwriteInitialOutputValue	Real	0.0	False	True	True	True	False		
RunModeByStartup	Bool	true	False	True	True	True	True		
LoadBackUp	Bool	false	False	True	True	True	False		
SetSubstituteOutput	Bool	true	False	True	True	True	True		
PhysicalUnit	Int	0	False	True	False	True	True		
PhysicalQuantity	Int	4	False	True	False	True	True		
ActivateRecoverMode	Bool	true	False	True	True	True	True		
Warning	DWord	16#0	True	True	False	True	False		
WarningInternal	DWord	16#0	True	True	False	True	False		
Progress	Real	0.0	False	True	False	True	False		
CurrentSetpoint	Real	0.0	False	True	False	True	False		
CancelTuningLevel	Real	10.0	False	True	True	True	True		
SubstituteOutput	Real	0.0	False	True	True	True	True		
Config	PID_Compact-Config		False	True	True	True	True		
InputPerOn	Bool	FALSE	False	True	True	True	True		
InvertControl	Bool	false	False	True	True	True	True		
InputUpperLimit	Real	2.5	False	True	True	True	True		
InputLowerLimit	Real	0.0	False	True	True	True	True		
InputUpperWarning	Real	3.402822e+38	False	True	True	True	True		
InputLowerWarning	Real	-3.402822e+38	False	True	True	True	True		
OutputUpperLimit	Real	100.0	False	True	True	True	True		
OutputLowerLimit	Real	0.0	False	True	True	True	True		
SetpointUpperLimit	Real	3.402822e+38	False	True	True	True	True		
SetpointLowerLimit	Real	-3.402822e+38	False	True	True	True	True		
MinimumOnTime	Real	0.0	False	True	True	True	True		
MinimumOffTime	Real	0.0	False	True	True	True	True		
InputScaling	PID_Scaling		False	True	True	True	True		
UpperPointIn	Real	27648.0	False	True	True	True	True		
LowerPointIn	Real	0.0	False	True	True	True	True		
UpperPointOut	Real	100.0	False	True	True	True	True		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
LowerPointOut	Real	0.0	False	True	True	True	True		
CycleTime	PID_CycleTime		False	True	True	True	True		
StartEstimation	Bool	true	False	True	True	True	False		
EnEstimation	Bool	true	False	True	True	True	True		
EnMonitoring	Bool	true	False	True	True	True	True		
Value	Real	0.1	False	True	True	True	True		
CtrlParamsBackUp	PID_Compact-ControlParams		False	True	True	True	True		
Gain	Real	1.0	False	True	True	True	True		
Ti	Real	20.0	False	True	True	True	True		
Td	Real	0.0	False	True	True	True	True		
TdFiltRatio	Real	0.2	False	True	True	True	True		
PWeighting	Real	1.0	False	True	True	True	True		
DWeighting	Real	1.0	False	True	True	True	True		
Cycle	Real	1.0	False	True	True	True	True		
PIDSelfTune	PID_Compact-SelfTune		False	True	True	True	True		
SUT	PID_Compact_SUT		False	True	True	True	True		
CalculateParams	Bool	false	False	True	True	True	False		
TuneRule	Int	0	False	True	True	True	True		
State	Int	0	False	True	False	True	False		
TIR	PID_Compact_TIR		False	True	True	True	True		
RunIn	Bool	false	False	True	True	True	False		
CalculateParams	Bool	false	False	True	True	True	False		
TuneRule	Int	0	False	True	True	True	True		
State	Int	0	False	True	False	True	False		
PIDCtrl	PID_Compact-Control		False	True	True	True	True		
PIDInit	Bool	false	False	True	True	True	False		
IntegralSum	Real	0.0	False	True	True	True	False		
Retain	PID_CompactRetain		True	True	True	True	True		
CtrlParams	PID_Compact-ControlParams		True	True	True	True	True		
Gain	Real	1.0	True	True	True	True	True		
Ti	Real	20.0	True	True	True	True	True		
Td	Real	0.0	True	True	True	True	True		
TdFiltRatio	Real	0.2	True	True	True	True	True		
PWeighting	Real	1.0	True	True	True	True	True		
DWeighting	Real	1.0	True	True	True	True	True		
Cycle	Real	1.0	True	True	True	True	True		

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / PLC tags / Default tag table [55]

PLC tags

PLC tags									
	Name	Data type	Address	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Supervision	Comment
	Start	Bool	%I12.0	False	True	True	True		
	Stop	Bool	%I12.1	False	True	True	True		
	FICSetpoint	Real	%MD14	False	True	True	True		

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / PLC tags / Default tag table [55]

User constants

User constants				
	Name	Data type	Value	Comment

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / PLC tags / SIMIT interface [34]

PLC tags

PLC tags

	Name	Data type	Address	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Supervision	Comment
	ZSO-510	Bool	%I0.0	False	True	True	True		
	ZSC-510	Bool	%I0.1	False	True	True	True		
	ZSO-511	Bool	%I0.2	False	True	True	True		
	ZSC-511	Bool	%I0.3	False	True	True	True		
	ZSO-514	Bool	%I0.4	False	True	True	True		
	ZSC-514	Bool	%I0.5	False	True	True	True		
	ZSO-519	Bool	%I0.6	False	True	True	True		
	ZSC-519	Bool	%I0.7	False	True	True	True		
	ZSO-521	Bool	%I1.0	False	True	True	True		
	ZSC-521	Bool	%I1.1	False	True	True	True		
	M001.R	Bool	%I1.2	False	True	True	True		
	M002.R	Bool	%I1.3	False	True	True	True		
	LS-513	Bool	%I1.4	False	True	True	True		
	GSV-510	Bool	%Q0.0	False	True	True	True		
	GSV-511	Bool	%Q0.1	False	True	True	True		
	GSV-514	Bool	%Q0.2	False	True	True	True		
	GSV-519	Bool	%Q0.3	False	True	True	True		
	GSV-521	Bool	%Q0.4	False	True	True	True		
	M001.ST	Bool	%Q0.5	False	True	True	True		
	M002.ST	Bool	%Q0.6	False	True	True	True		
	WT-512	Int	%IW2	False	True	True	True		
	LT-515	Int	%IW4	False	True	True	True		
	FT-516	Int	%IW6	False	True	True	True		
	TT-517	Int	%IW8	False	True	True	True		
	TT-518	Int	%IW10	False	True	True	True		
	M003.SP	Int	%QW2	False	True	True	True		
	M001.F	Bool	%I1.5	False	True	True	True		
	M002.F	Bool	%I1.6	False	True	True	True		
	M003.R	Bool	%I1.7	False	True	True	True		
	M003.F	Bool	%I18.0	False	True	True	True		
	M003.ST	Bool	%Q0.7	False	True	True	True		
	M001.TK	Bool	%I18.1	False	True	True	True		
	M002.TK	Bool	%I18.2	False	True	True	True		
	M003.TK	Bool	%I18.3	False	True	True	True		

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / PLC tags / SIMIT interface [34]

User constants

User constants				
	Name	Data type	Value	Comment

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / PLC data types

System data types

This folder is empty.

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Watch and force tables

Force table

Name	Address	Display format	Force value	Comment

ChemicalProcess / PLC_1 [CPU 1511-1 PN]

Traces

Name

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Traces

Measurements

This folder is empty.

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Traces

Combined measurements

Name

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / OPC UA communication

Server interfaces

This folder is empty.

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / OPC UA communication

Client interfaces

This folder is empty.

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / PLC supervisions & alarms

Supervisions

This folder is empty.

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / PLC supervisions & alarms

PLC alarms

PLC alarms					
Name	IL_ALARM_INST	**Type**	PLC alarm	**ID**	
Location	ProcessSequence	**Alarm text**	Category : Supervision type : PLC name : FB name : Step name : Step number : Step specific field	**Info text**	
Alarm class	No Acknowledgement	**Acknowledgment**	False	**Information only**	False
Priority	0	**Display class**	0	**Report**	False
Created by	GRAPH	**Date created**	5/9/2026 9:57 PM	**Last change**	5/9/2026 9:57 PM
Group ID	0	**Additional text 1**		**Additional text 2**	
Additional text 3		**Additional text 4**		**Additional text 5**	
Additional text 6		**Additional text 7**		**Additional text 8**	
Additional text 9					
Name	IL_ALARM_INST	**Type**	PLC alarm	**ID**	53
Location	ProcessSequence_DB	**Alarm text**	@2%t#SYSTEM_Global_ProDiag_SupervisionCategories@ : @2%t#SYSTEM_Global_ProDiag_SupervisionTypes@ : $$CpuName$$: ProcessSequence : @1%t#SYSTEM_StepNames639139229409982114_1@ : S@1%03d@ : @1%t#SYSTEM_InterlockAlarmTexts639139229410127278_1@	**Info text**	
Alarm class	No Acknowledgement	**Acknowledgment**	False	**Information only**	False
Priority	0	**Display class**	0	**Report**	False
Created by	GRAPH	**Date created**	5/9/2026 9:57 PM	**Last change**	5/10/2026 1:33 PM
Group ID	0	**Additional text 1**		**Additional text 2**	
Additional text 3		**Additional text 4**		**Additional text 5**	
Additional text 6		**Additional text 7**		**Additional text 8**	
Additional text 9					
Name	STEP_TIME_ALARM_INST	**Type**	PLC alarm	**ID**	
Location	ProcessSequence	**Alarm text**	Category : Supervision type : PLC name : FB name : Step name : Step number : Step specific field	**Info text**	
Alarm class	No Acknowledgement	**Acknowledgment**	False	**Information only**	False
Priority	0	**Display class**	0	**Report**	False
Created by	GRAPH	**Date created**	5/9/2026 9:57 PM	**Last change**	5/9/2026 9:57 PM
Group ID	0	**Additional text 1**		**Additional text 2**	
Additional text 3		**Additional text 4**		**Additional text 5**	
Additional text 6		**Additional text 7**		**Additional text 8**	
Additional text 9					
Name	STEP_TIME_ALARM_INST	**Type**	PLC alarm	**ID**	55
Location	ProcessSequence_DB	**Alarm text**	@2%t#SYSTEM_Global_ProDiag_SupervisionCategories@ : @2%t#SYSTEM_Global_ProDiag_SupervisionTypes@ : $$CpuName$$: ProcessSequence : @1%t#SYSTEM_StepNames639139229409982114_1@ : S@1%03d@ : @1%t#SYSTEM_SupervisionAlarmTexts639139229410057278_1@	**Info text**	
Alarm class	No Acknowledgement	**Acknowledgment**	False	**Information only**	False
Priority	0	**Display class**	0	**Report**	False
Created by	GRAPH	**Date created**	5/9/2026 9:57 PM	**Last change**	5/10/2026 1:33 PM
Group ID	0	**Additional text 1**		**Additional text 2**	
Additional text 3		**Additional text 4**		**Additional text 5**	
Additional text 6		**Additional text 7**		**Additional text 8**	
Additional text 9					
Name	SUP_ALARM_INST	**Type**	PLC alarm	**ID**	
Location	ProcessSequence	**Alarm text**	Category : Supervision type : PLC name : FB name : Step name : Step number : Step specific field	**Info text**	
Alarm class	No Acknowledgement	**Acknowledgment**	False	**Information only**	False
Priority	0	**Display class**	0	**Report**	False
Created by	GRAPH	**Date created**	5/9/2026 9:57 PM	**Last change**	5/9/2026 9:57 PM
Group ID	0	**Additional text 1**		**Additional text 2**	
Additional text 3		**Additional text 4**		**Additional text 5**	
Additional text 6		**Additional text 7**		**Additional text 8**	
Additional text 9					
Name	SUP_ALARM_INST	**Type**	PLC alarm	**ID**	54
Location	ProcessSequence_DB	**Alarm text**	@2%t#SYSTEM_Global_ProDiag_SupervisionCategories@ : @2%t#SYSTEM_Global_ProDiag_SupervisionTypes@ : $$CpuName$$: ProcessSequence : @1%t#SYSTEM_StepNames639139229409982114_1@ : S@1%03d@ : @1%t#SYSTEM_SupervisionAlarmTexts639139229410057278_1@	**Info text**	
Alarm class	No Acknowledgement	**Acknowledgment**	False	**Information only**	False
Priority	0	**Display class**	0	**Report**	False
Created by	GRAPH	**Date created**	5/9/2026 9:57 PM	**Last change**	5/10/2026 1:33 PM
Group ID	0	**Additional text 1**		**Additional text 2**	

Additional text 3		**Additional text 4**		**Additional text 5**	
Additional text 6		**Additional text 7**		**Additional text 8**	
Additional text 9					

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / PLC supervisions & alarms

System alarms

System alarms			
Name	SDIAG_ALCAT_SUBMODUL_MSG_0002	**Type**	PLC alarm
ID	1	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_MODUL_MSG_0003	**Type**	PLC alarm
ID	2	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_RACK_MSG_0004	**Type**	PLC alarm
ID	3	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_DEVICE_MSG_0005	**Type**	PLC alarm
ID	4	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_IOSYSTEM_MSG_0006	**Type**	PLC alarm
ID	5	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#276K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_OST_MSG_000D	**Type**	PLC alarm
ID	6	**Location**	PLC_1
Alarm text	CPU status message: @1W%t#7W@ @5W%t#7W@ @6W %t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W %t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	

Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_INFO_MSG_000F	**Type**	PLC alarm
ID	7	**Location**	PLC_1
Alarm text	CPU info: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@ @8W %t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_ERR_MSG_0010	**Type**	PLC alarm
ID	8	**Location**	PLC_1
Alarm text	CPU error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@ @8W %t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_MD_MSG_0011	**Type**	PLC alarm
ID	9	**Location**	PLC_1
Alarm text	CPU maintenance demanded: @1W%t#7W@ @6W %t#257K@ / @5W%t#7W@ @6W%t#258K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_MR_MSG1_0012	**Type**	PLC alarm
ID	10	**Location**	PLC_1
Alarm text	CPU maintenance required: @1W%t#7W@ @6W %t#257K@ / @5W%t#7W@ @6W%t#258K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_TMPERR_MSG_0013	**Type**	PLC alarm
ID	11	**Location**	PLC_1
Alarm text	Temporary CPU error: @1W%t#7W@ @5W%t#7W@ @6W %t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W %t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_ERR_MSG_0015	**Type**	PLC alarm
ID	12	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ on @8W%t#280K@ @6W %t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	

Name	SDIAG_ALCAT_ECH_ERR_MSG_0016	**Type**	PLC alarm
ID	13	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_MD_MSG_0018	**Type**	PLC alarm
ID	14	**Location**	PLC_1
Alarm text	Maintenance demanded:@1W%t#7W@ on @8W %t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W %t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ECH_MD_MSG_0019	**Type**	PLC alarm
ID	15	**Location**	PLC_1
Alarm text	Maintenance demanded:@1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W %t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_MR_MSG_001B	**Type**	PLC alarm
ID	16	**Location**	PLC_1
Alarm text	Maintenance required:@1W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ECH_MR_MSG_001C	**Type**	PLC alarm
ID	17	**Location**	PLC_1
Alarm text	Maintenance required:@1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W %t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_ERR_MSG_001E	**Type**	PLC alarm
ID	18	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @6W%t#257K@ / @6W %t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	

Name	SDIAG_ALCAT_ESUB_ERR_MSG_001F	**Type**	PLC alarm
ID	19	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_MD_MSG_0021	**Type**	PLC alarm
ID	20	**Location**	PLC_1
Alarm text	Maintenance demanded: @1W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ESUB_MD_MSG_0022	**Type**	PLC alarm
ID	21	**Location**	PLC_1
Alarm text	Maintenance demanded: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_MR_MSG_0024	**Type**	PLC alarm
ID	22	**Location**	PLC_1
Alarm text	Maintenance required: @1W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ESUB_MR_MSG_0025	**Type**	PLC alarm
ID	23	**Location**	PLC_1
Alarm text	Maintenance required: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CONFIG_INFO_0028	**Type**	PLC alarm
ID	24	**Location**	PLC_1
Alarm text	Info: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CONFIG_REPORT_0029	**Type**	PLC alarm
ID	25	**Location**	PLC_1

Alarm text	Info: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SECU_EV_MSG_005E	**Type**	PLC alarm
ID	26	**Location**	PLC_1
Alarm text	Security event: @1W%t#7W@ @5W%t#7W@ @6W %t#258K@ @6W%t#262K@ @6W%t#263K@ @8W %t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	Security
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SECU_EV_INFO_005F	**Type**	PLC alarm
ID	27	**Location**	PLC_1
Alarm text	Security information: @1W%t#7W@ @5W%t#7W@ @6W %t#258K@ @6W%t#262K@ @6W%t#263K@ @8W %t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	Security
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_USER_MSG_0080	**Type**	PLC alarm
ID	28	**Location**	PLC_1
Alarm text	User message: @1W%t#2W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_PLC_MSG_00FF	**Type**	PLC alarm
ID	29	**Location**	PLC_1
Alarm text	PLC notification: @1W%t#7W@ @5W%t#7W@ @6W %t#256K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUBMODUL_MSG_0102	**Type**	PLC alarm
ID	30	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_MODUL_MSG_0103	**Type**	PLC alarm
ID	31	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0

Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_RACK_MSG_0104	**Type**	PLC alarm
ID	32	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_DEVICE_MSG_0105	**Type**	PLC alarm
ID	33	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_IOSYSTEM_MSG_0106	**Type**	PLC alarm
ID	34	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#276K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_OST_MSG_010D	**Type**	PLC alarm
ID	35	**Location**	PLC_1
Alarm text	CPU status message: @1W%t#7W@ @5W%t#7W@ @6W %t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W %t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_ERR_MSG_0110	**Type**	PLC alarm
ID	36	**Location**	PLC_1
Alarm text	CPU error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@ @8W %t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_MD_MSG_0111	**Type**	PLC alarm
ID	37	**Location**	PLC_1
Alarm text	CPU maintenance demanded: @1W%t#7W@ @6W %t#257K@ / @5W%t#7W@ @6W%t#258K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	

Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_MR_MSG1_0112	**Type**	PLC alarm
ID	38	**Location**	PLC_1
Alarm text	CPU maintenance required: @1W%t#7W@ @6W %t#257K@ / @5W%t#7W@ @6W%t#258K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_ERR_MSG_0115	**Type**	PLC alarm
ID	39	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ on @8W%t#280K@ @6W %t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ECH_ERR_MSG_0116	**Type**	PLC alarm
ID	40	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_MD_MSG_0118	**Type**	PLC alarm
ID	41	**Location**	PLC_1
Alarm text	Maintenance demanded:@1W%t#7W@ on @8W %t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W %t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ECH_MD_MSG_0119	**Type**	PLC alarm
ID	42	**Location**	PLC_1
Alarm text	Maintenance demanded:@1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W %t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_MR_MSG_011B	**Type**	PLC alarm
ID	43	**Location**	PLC_1
Alarm text	Maintenance required:@1W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	

Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ECH_MR_MSG_011C	**Type**	PLC alarm
ID	44	**Location**	PLC_1
Alarm text	Maintenance required:@1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W %t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_ERR_MSG_011E	**Type**	PLC alarm
ID	45	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @6W%t#257K@ / @6W %t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ESUB_ERR_MSG_011F	**Type**	PLC alarm
ID	46	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_MD_MSG_0121	**Type**	PLC alarm
ID	47	**Location**	PLC_1
Alarm text	Maintenance demanded: @1W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ESUB_MD_MSG_0122	**Type**	PLC alarm
ID	48	**Location**	PLC_1
Alarm text	Maintenance demanded: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_MR_MSG_0124	**Type**	PLC alarm
ID	49	**Location**	PLC_1
Alarm text	Maintenance required: @1W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	

Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ESUB_MR_MSG_0125	**Type**	PLC alarm
ID	50	**Location**	PLC_1
Alarm text	Maintenance required: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CONFIG_INFO_0128	**Type**	PLC alarm
ID	51	**Location**	PLC_1
Alarm text	Info: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_PLC_MSG_01FF	**Type**	PLC alarm
ID	52	**Location**	PLC_1
Alarm text	PLC notification: @1W%t#7W@ @5W%t#7W@ @6W %t#256K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	9/20/2021 12:56 PM	**Last change**	9/20/2021 12:56 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	

ChemicalProcess / PLC_1 [CPU 1511-1 PN]

PLC alarm text lists

SYSTEM_StepNames639139229409982114_1			
Selection	Decimal	**ID**	4095
Comment			

Text list entries of SYSTEM_StepNames639139229409982114_1		
Range from	**Range to**	**Entry**
1	1	Start
2	2	Fill NaOH
3	3	Fill Powder M001
4	4	Start Mixing
5	5	Empty MIX Tank
6	6	Stop Water
7	7	Close NaOH valve
8	8	Powder Motor Stop
9	9	Stop Mixing
10	10	Empty Storage Tank
11	11	Stop emptying
12	12	Exit valve open
13	13	Step13
14	14	Not to Storage
15	15	Exit valve close
16	16	Valve 521 Stays open
17	17	Fill water
18	18	Step18

SYSTEM_SupervisionAlarmTexts639139229410057278_1			
Selection	Decimal	**ID**	4094
Comment			

Text list entries of SYSTEM_SupervisionAlarmTexts639139229410057278_1		
Range from	**Range to**	**Entry**
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
8	8	
9	9	
10	10	
11	11	
12	12	
13	13	
14	14	
15	15	
16	16	
17	17	
18	18	

SYSTEM_InterlockAlarmTexts639139229410127278_1			
Selection	Decimal	**ID**	4093
Comment			

Text list entries of SYSTEM_InterlockAlarmTexts639139229410127278_1		
Range from	**Range to**	**Entry**
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
8	8	
9	9	
10	10	
11	11	
12	12	
13	13	
14	14	
15	15	
16	16	
17	17	
18	18	

SYSTEM_TransitionNames639139229410197280_1			
Selection	Decimal	**ID**	4092
Comment			

Text list entries of SYSTEM_TransitionNames639139229410197280_1		
Range from	**Range to**	**Entry**
1	1	Trans1
2	2	Trans2

Range from	Range to	Entry
3	3	Trans3
4	4	Trans4
5	5	Trans5
6	6	Trans6
7	7	Trans7
8	8	Trans8
9	9	Trans9
10	10	Trans10
11	11	Trans11
12	12	Trans12

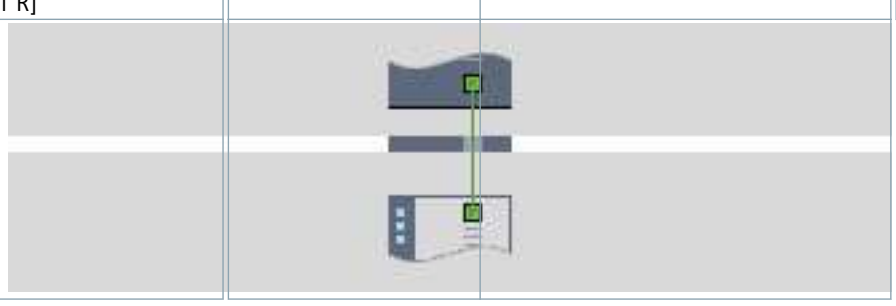
ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Local modules

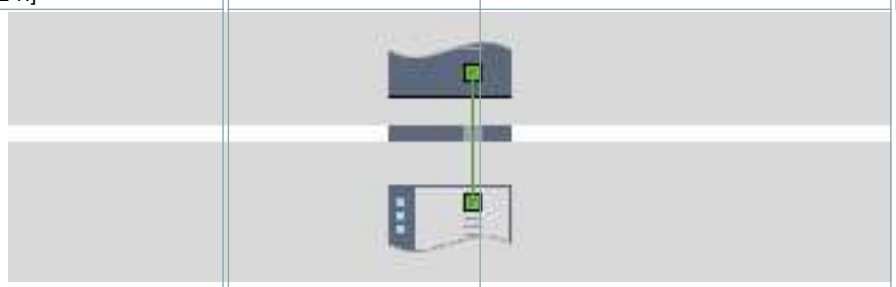
PS 25W 24VDC_1

PS 25W 24VDC_1					
General\Project information					
Name	PS 25W 24VDC_1	**Author**	amk1008619	**Comment**	
Rack number	0	**Slot**	0		
General\Catalog information					
Short designation	PS 25W 24VDC	**Description**	System power supply 25W, 24VDC; supplies the operating voltage for the S7-1500 backplane bus.	**Article number**	6ES7 505-0KA00-0AB0
Firmware version	V1.0				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2026-05-07 12:49:41.414
Additional information					
Module parameters\General\Startup					
Comparison preset to actual module	From CPU				
PS 25W 24VDC\General					
Name	PS 25W 24VDC_1	**Comment**			
PS 25W 24VDC\Diagnostics					
Supply voltage monitoring	False	**Switch position off**	False		

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Local modules

PLC_1 [CPU 1511-1 PN]

PLC_1					
General\Project information					
Name	PLC_1	**Author**	mika3	**Comment**	
Rack	0	**Slot**	1		
General\Catalog information					
Short designation	CPU 1511-1 PN	**Description**	CPU with display; work memory 150 KB code and 1 MB data; 60 ns bit operation time; 4-stage protection concept, technology functions: motion control, closed-loop control, counting and measuring; tracing; Runtime options; isochronous mode (central); for all PROFINET interfaces: transport protocol TCP/IP, secure Open User Communication, S7 communication, S7 routing, IP forwarding, Web server, DNS client, OPC UA: Server DA, Client DA, methods, companion specifications; PROFINET IO controller, supports RT/IRT, performance upgrade PROFINET V2.3, 2 ports, I-Device, MRP, MRPD, isochronous mode; firmware V2.8	**Article number**	6ES7 511-1AK01-0AB0
Firmware version	V2.8				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2021-05-25 07:35:19.863
Additional information					
General\Checksums					
Text lists	CB 3F BA AA D7 54 DC 4F	**Software**	Not available (compile necessary)		
PROFINET interface [X1]\General					
Name	PROFINET interface_1	**Author**	mika3	**Comment**	
PROFINET interface [X1]\Ethernet addresses\Interface networked with					
Subnet:	PN/IE_1				
PROFINET interface [X1]\Ethernet addresses\IP protocol					
IP configuration	Set IP address in the project	**IP address:**	192.168.0.1	**Subnet mask:**	255.255.255.0
Use router	False				
PROFINET interface [X1]\Ethernet addresses\PROFINET					
PROFINET device name is set directly at the device	False	**Generate PROFINET device name automatically**	True	**PROFINET device name:**	plc_1.profinet interface_1
Converted name:	plcxb1.profinetxainterfacexb1036c	**Device number:**	0		
PROFINET interface [X1]\Time-of-day synchronization\NTP mode					
Note	Time synchronization for all PROFINET interfaces take place within the settings for time synchronization of the PROFINET interface [X1].	**Enable time synchronization via NTP server**	False		IP addresses
Server 1	0.0.0.0	**Server 2**	0.0.0.0	**Server 3**	0.0.0.0
Server 4	0.0.0.0	**Update interval**	10s		
PROFINET interface [X1]\Operating mode					
IO controller	True	**IO system**		**Device number**	0
IO device	False				
PROFINET interface [X1]\Advanced options\Interface options					
Call the user program if communication errors occur	False	**Support device replacement without exchangeable medium**	True	**Permit overwriting of device names of all assigned IO devices**	False
Limit data infeed into the network	True	**Use IEC V2.2 LLDP mode**	False	**Keep-Alive connection monitoring:**	30s
PROFINET interface [X1]\Advanced options\Media redundancy					
MRP domain	mrpdomain-1	**Media redundancy role:**	Not device in the ring		
PROFINET interface [X1]\Advanced options\Real time settings\IO communication					
Send clock:	1.000ms				
PROFINET interface [X1]\Advanced options\Real time settings\Synchronization					
Sync domain:	Sync-Domain_1	**Synchronization role:**	Unsynchronized	**RT class:**	RT,IRT
PROFINET interface [X1]\Advanced options\Real time settings\Real time options					
Calculated bandwidth for cyclic IO data:	0.000ms	**Calculated bandwidth for cyclic IO data:**	0.000%		
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\General					
Name	Port_1	**Author**	mika3	**Comment**	
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port interconnection\Local port:					
Local port:	PLC_1\PROFINET interface_1 [X1]\Port_1 [X1 P1 R]	**Medium:**	Copper	**Cable name:**	---
					

PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port interconnection\Partner port:					
	Monitoring of partner port is not possible	**Alternative partners**	False	**Partner port:**	Any partner
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port options\Boundaries					
End of detection of accessible devices	False	**End of topology discovery**	False	**End of the sync domain**	False
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\General					
Name	Port_2	**Author**	mika3	**Comment**	
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port interconnection\Local port:					
Local port:	PLC_1\PROFINET interface_1 [X1]\Port_2 [X1 P2 R]	**Medium:**	Copper	**Cable name:**	---
					
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port interconnection\Partner port:					
	Monitoring of partner port is not possible	**Alternative partners**	False	**Partner port:**	Any partner
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port options\Boundaries					
End of detection of accessible devices	False	**End of topology discovery**	False	**End of the sync domain**	False
PROFINET interface [X1]\Web server access					
Note	The Web server must also be activated in the properties of the PLC.	**Enable Web server via IP address of this interface**	False		
Startup					
Startup after POWER ON	Warm restart - Operating mode before POWER OFF	**Comparison preset to actual configuration**	Startup CPU even if mismatch	**Configuration time**	60000ms
Cycle					
Maximum cycle time	150ms			**Enable minimum cycle time for cyclic OBs**	True
Minimum cycle time	1ms				
Communication load					
Cycle load due to communication	50%				
System and clock memory\System memory bits					
Enable the use of system memory byte	False	**Address of system memory byte (MBx)**	1	**First cycle**	
Diagnostic status changed		**Always 1 (high)**		**Always 0 (low)**	
System and clock memory\Clock memory bits					
Enable the use of clock memory byte	False	**Address of clock memory byte (MBx)**	0	**10 Hz clock**	
5 Hz clock		**2.5 Hz clock**		**2 Hz clock**	
1.25 Hz clock		**1 Hz clock**		**0.625 Hz clock**	
0.5 Hz clock					
SIMATIC Memory Card\Diagnostics					
Aging of the SIMATIC memory card	False	**Threshold value**	80%		
System diagnostics\General					
Activate system diagnostics for this device	True	**Report network faults as maintenance instead of fault**	False		
PLC alarms\General					
Central alarm management in the PLC	True				
Web server\General					
Activate web server on this module	False	**Permit access only with HTTPS**	True		
Web server\Automatic update					
Enable automatic update	True	**Update interval**	0s		

Web server\User management

User name	User rights
Everybody	

Web server\User-defined web pages

Application name	HTML source path	Default HTML page	Files with dynamic content	Web DB number	Fragment DB number
		index.htm	.htm;.html	333	334

Web server\Overview of interfaces

Device	Interface	Enabled web server access
PLC_1	PROFINET interface_1	False

Display\General\Display standby mode					
Time to standby mode	30 minutes				
Display\General\Energy saving mode					
Time to energy saving mode	15 minutes				
Display\General\Display language					
Default language on display	English				
Display\Automatic update					
Time to update	5 seconds				
Display\Password\Display protection					
Enable write access	True	**Enable display protection**	False		
Display\User-defined logo					
User logo activated	False	**Adapt logo**	False	**Resolution**	128x120
Company logo	---				

User interface languages

Assign project language	User interface languages
English (United States)	German
English (United States)	English
English (United States)	French
English (United States)	Spanish
English (United States)	Italian
English (United States)	Japanese
English (United States)	Chinese (simplified)
English (United States)	Korean
English (United States)	Russian
English (United States)	Turkish
English (United States)	Portuguese (Brazil)

Time of day\Local time					
Time zone	(UTC) Dublin, Edinburgh, Lisbon, London				
Time of day\Daylight saving time					
Activate daylight saving time	True	**Difference between standard and daylight saving time**	60mins		
Time of day\Daylight saving time\Start of daylight saving time					
Selection of the week	Last	**Selection of the weekday**	Sunday	**of**	March
at	01:00 a.m.				
Time of day\Daylight saving time\Start of standard time					
Selection of the week	Last	**Selection of the weekday**	Sunday	**of**	October
at	02:00 a.m.				
Protection					
Level of protection	Full access (no protection)				
Protection\Connection mechanisms					
Permit access with PUT/GET communication from remote partner	False				
Protection\Security event					
Summarize security events in case of high message volume	True	**Length of an interval**	20	**Unit**	seconds
OPC UA\Accessibility of the server					
Activate OPC UA server	False				
System power supply\General					
General	Connection to supply voltage L+				

System power supply\Power segment overview

Module	Slot	Supply/consumption
PS 25W 24VDC_1	0	25.00W
PLC_1	1	10.00W
DI 16x24VDC BA_1	2	-1.05W
DQ 16x24VDC/0.5A BA_1	3	-1.15W
AI 8xU/I/RTD/TC ST_1	4	-0.70W
AQ 2xU/I ST_1	5	-0.65W
DI 16x24VDC BA_2	6	-1.05W
	Summary	30.40W

Advanced configuration\DNS configuration	
No DNS server address is configured.	
Advanced configuration\IP Forwarding\Configuration IPv4 Forwarding	
Enable IPv4 forwarding for interfaces of this PLC	False
Advanced configuration\Configuration control\Configuration control for central configuration	
Allow reconfiguration of device via the user program	False

Connection resources\				
	Station resources - Reserved - Maximum	**Station resources - Reserved - Configured**	**Station resources - Dynamic - Configured**	**Module resources - PLC_1 [CPU 1511-1 PN] - Configured**
Maximum number of resources:		10	54	64
	Maximum	Configured	Configured	Configured
PG communication:	4	-	-	-
HMI communication:	4	1	0	1
S7 communication:	0	-	0	0
Open user communication:	0	-	0	0
Web communication:	2	-	-	-
OPC UA client/server communication:	0	-	-	-
Other communication:	-	-	0	0
Total resources used:		1	0	1
Available resources:		9	54	63

Overview of addresses\Overview of addresses\Overview of addresses					
Inputs	True	**Outputs**	True	**Address gaps**	False
Slot	True				

Type	Addr. from	Addr. to	Module	PIP	OB	Device name	Device number	Size	Master / IO system	Rack	Slot
I	0	1	DI 16x24VDC BA_1	Automatic update	-	PLC_1 [CPU 1511-1 PN]	-	2 Bytes	-	0	2
O	0	1	DQ 16x24VDC/0.5A BA_1	Automatic update	-	PLC_1 [CPU 1511-1 PN]	-	2 Bytes	-	0	3
I	2	17	AI 8xU/I/RTD/TC ST_1	Automatic update	-	PLC_1 [CPU 1511-1 PN]	-	16 Bytes	-	0	4
O	2	5	AQ 2xU/I ST_1	Automatic update	-	PLC_1 [CPU 1511-1 PN]	-	4 Bytes	-	0	5
I	18	19	DI 16x24VDC BA_2	Automatic update	-	PLC_1 [CPU 1511-1 PN]	-	2 Bytes	-	0	6

Runtime licenses\OPC UA\Runtime licenses			
Type of required license	None	**Type of purchased license**	No license

Runtime licenses\ProDiag\Supervisions	
Number of used supervisions	0

Runtime licenses\ProDiag\Runtime licenses			
Number of required licenses	None (<= 25 supervisions)	**Used ProDiag licenses**	No license

Runtime licenses\Energy Suite\Energy objects	
Number of configured energy objects	0

Runtime licenses\Energy Suite\Runtime licenses	
Total number of licensed energy objects	0

Runtime licenses\Energy Suite\Runtime licenses\Number of purchased licenses			
License type '5 energy objects'	No license	**License type '10 energy objects'**	No license

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Local modules

DI 16x24VDC BA_1

DI 16x24VDC BA_1					
General\Project information					
Name	DI 16x24VDC BA_1	**Author**	mika3	**Comment**	
Rack	0	**Slot**	2		
General\Catalog information					
Short designation	DI 16x24VDC BA	**Description**	Digital input module DI16 x 24VDC; grouping 16; input delay 3.2ms; input type 3 (IEC 61131)	**Article number**	6ES7 521-1BH10-0AA0
Firmware version	V1.1				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2021-05-25 07:46:32.651
Additional information					
Module parameters\General\Startup					
Comparison preset to actual module	From CPU				
Module parameters\DI Configuration\Configuration of submodules					
Module distribution	None				
Module parameters\DI Configuration\Value status (Quality Information)					
Value status	False				
Module parameters\DI Configuration\Copy of module for Shared Device (MSI)					
Copy of module:	None				
Input 0 - 15\General					
Name	DI 16x24VDC BA_1	**Comment**			
Input 0 - 15\Inputs\General\Module failure					
Input values with module failure	Input value 0				
Input 0 - 15\I/O addresses\Input addresses					
Start address	0.0	**End address**	1.7	**Organization block**	0
Process image	0				

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Local modules

DQ 16x24VDC/0.5A BA_1

DQ 16x24VDC/0.5A BA_1					
General\Project information					
Name	DQ 16x24VDC/0.5A BA_1	**Author**	mika3	**Comment**	
Rack	0	**Slot**	3		
General\Catalog information					
Short designation	DQ 16x24VDC/0.5A BA	**Description**	Digital output module DQ16 x 24VDC / 0.5A; grouping 8; 4A per group	**Article number**	6ES7 522-1BH10-0AA0
Firmware version	V1.1				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2021-05-25 07:46:40.812
Additional information					
Module parameters\General\Startup					
Comparison preset to actual module	From CPU				
Module parameters\DQ configuration\Configuration of submodules					
Module distribution	None				
Module parameters\DQ configuration\Value status (Quality Information)					
Value status	False				
Module parameters\DQ configuration\Copy of module for shared device (MSO)					
Copy of module:	None				
Output 0 - 15\General					
Name	DQ 16x24VDC/0.5A BA_1	**Comment**			
Output 0 - 15\I/O addresses\Output addresses					
Start address	0.0	**End address**	1.7	**Organization block**	0
Process image	0				

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Local modules

AI 8xU/I/RTD/TC ST_1

AI 8xU/I/RTD/TC ST_1					
General\Project information					
Name	AI 8xU/I/RTD/TC ST_1	**Author**	mika3	**Comment**	
Rack	0	**Slot**	4		
General\Catalog information					
Short designation	AI 8xU/I/RTD/TC ST	**Description**	Analog input module AI8 x U/I/RTD/TC 16-bit; grouping 8; 4 channels with RTD measurement; common mode voltage 10 V; configurable diagnostics; hardware interrupts	**Article number**	6ES7 531-7KF00-0AB0
Firmware version	V2.2				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2021-05-25 07:47:04.964
Additional information					
Module parameters\General\Startup					
Comparison preset to actual module	From CPU				
Module parameters\Channel template\Inputs\Apply to all channels that use the template\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Module parameters\Channel template\Inputs\Apply to all channels that use the template\Measuring					
Measurement type	Current (2-wire transducer)	**Measuring range**	4..20mA	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Module parameters\AI configuration\Configuration of submodules					
Module distribution	None				
Module parameters\AI configuration\Value status (Quality Information)					
Value status	False				
Module parameters\AI configuration\Copy of module for Shared Device (MSI)					
Copy of module:	None				
Input 0 - 7\General					
Name	AI 8xU/I/RTD/TC ST_1	**Comment**			
Input 0 - 7\Inputs\Channel 0					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 0\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 0\Measuring					
Measurement type	Current (2-wire transducer)	**Measuring range**	4..20mA	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49272	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne0**	UpperLimitOne0	**Channel number**	0
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49288	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne0**	LowerLimitOne0	**Channel number**	0
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49264	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo0**	UpperLimitTwo0	**Channel number**	0
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49280	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo0**	LowerLimitTwo0	**Channel number**	0
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 1					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 1\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False

Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 1\Measuring					
Measurement type	Current (2-wire transducer)	**Measuring range**	4..20mA	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49273	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne1**	UpperLimitOne1	**Channel number**	1
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49289	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne1**	LowerLimitOne1	**Channel number**	1
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49265	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo1**	UpperLimitTwo1	**Channel number**	1
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49281	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo1**	LowerLimitTwo1	**Channel number**	1
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 2					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 2\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 2\Measuring					
Measurement type	Current (2-wire transducer)	**Measuring range**	4..20mA	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49274	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne2**	UpperLimitOne2	**Channel number**	2
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49290	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne2**	LowerLimitOne2	**Channel number**	2
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49266	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo2**	UpperLimitTwo2	**Channel number**	2
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49282	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo2**	LowerLimitTwo2	**Channel number**	2
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 3					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 3\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 3\Measuring					
Measurement type	Current (2-wire transducer)	**Measuring range**	4..20mA	**Temperature coefficient**	

Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49275	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne3**	UpperLimitOne3	**Channel number**	3
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49291	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne3**	LowerLimitOne3	**Channel number**	3
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49267	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo3**	UpperLimitTwo3	**Channel number**	3
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49283	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo3**	LowerLimitTwo3	**Channel number**	3
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 4					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 4\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 4\Measuring					
Measurement type	Current (2-wire transducer)	**Measuring range**	4..20mA	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49276	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne4**	UpperLimitOne4	**Channel number**	4
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49292	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne4**	LowerLimitOne4	**Channel number**	4
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49268	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo4**	UpperLimitTwo4	**Channel number**	4
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49284	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo4**	LowerLimitTwo4	**Channel number**	4
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 5					
Parameter settings	Manual				
Input 0 - 7\Inputs\Channel 5\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 5\Measuring					
Measurement type	Deactivated	**Measuring range**		**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression		**Smoothing**			
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					

Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49277	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne5**	UpperLimitOne5	**Channel number**	5
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49293	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne5**	LowerLimitOne5	**Channel number**	5
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49269	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo5**	UpperLimitTwo5	**Channel number**	5
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49285	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo5**	LowerLimitTwo5	**Channel number**	5
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 6					
Parameter settings	Manual				
Input 0 - 7\Inputs\Channel 6\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 6\Measuring					
Measurement type	Deactivated	**Measuring range**		**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression		**Smoothing**			
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49278	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne6**	UpperLimitOne6	**Channel number**	6
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49294	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne6**	LowerLimitOne6	**Channel number**	6
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49270	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo6**	UpperLimitTwo6	**Channel number**	6
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49286	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo6**	LowerLimitTwo6	**Channel number**	6
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 7					
Parameter settings	Manual				
Input 0 - 7\Inputs\Channel 7\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 7\Measuring					
Measurement type	Deactivated	**Measuring range**		**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression		**Smoothing**			
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49279	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne7**	UpperLimitOne7	**Channel number**	7
HwEventTypeLimit1Overrun	4				

Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49295	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne7**	LowerLimitOne7	**Channel number**	7
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49271	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo7**	UpperLimitTwo7	**Channel number**	7
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49287	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo7**	LowerLimitTwo7	**Channel number**	7
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel reference temperature\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Wire break	False				
Input 0 - 7\Inputs\Channel reference temperature\Measure					
Measurement type	Deactivated	**Measuring range**		**Temperature coefficient**	
Interference frequency suppression		**Smoothing**			
Input 0 - 7\I/O addresses\Input addresses					
Start address	2	**End address**	17	**Organization block**	0
Process image	0				

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Local modules

AQ 2xU/I ST_1

AQ 2xU/I ST_1					
General\Project information					
Name	AQ 2xU/I ST_1	**Author**	mika3	**Comment**	
Rack	0	**Slot**	5		
General\Catalog information					
Short designation	AQ 2xU/I ST	**Description**	Analog output module AQ2 x U/I 16-bit; grouping 2; configurable diagnostics; substitute value for output	**Article number**	6ES7 532-5NB00-0AB0
Firmware version	V1.0				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2021-05-25 07:47:12.326
Additional information					
Module parameters\General\Startup					
Comparison preset to actual module	From CPU				
Module parameters\Channel template\Outputs\Apply to all channels that use the template\Diagnostics					
No supply voltage L+	False	**Wire break**	False	**Short circuit to ground**	False
Overflow	False	**Underflow**	False		
Module parameters\Channel template\Outputs\Apply to all channels that use the template\Output parameters					
Output type	Voltage	**Output range**	+/- 10V	**Reaction to CPU STOP**	Shutdown
Substitute value					
Module parameters\AQ configuration\Configuration of submodules					
Module distribution	None				
Module parameters\AQ configuration\Value status (Quality Information)					
Value status	False				
Module parameters\AQ configuration\Copy of module for shared device (MSO)					
Copy of module:	None				
Output 0 - 1\General					
Name	AQ 2xU/I ST_1	**Comment**			
Output 0 - 1\Outputs\Channel 0					
Parameter settings	From template				
Output 0 - 1\Outputs\Channel 0\Diagnostics					
No supply voltage L+	False	**Wire break**	False	**Short circuit to ground**	False
Overflow	False	**Underflow**	False		
Output 0 - 1\Outputs\Channel 0\Output					
Output type	Voltage	**Output range**	+/- 10V	**Reaction to CPU STOP**	Shutdown
Substitute value					
Output 0 - 1\Outputs\Channel 1					
Parameter settings	From template				
Output 0 - 1\Outputs\Channel 1\Diagnostics					
No supply voltage L+	False	**Wire break**	False	**Short circuit to ground**	False
Overflow	False	**Underflow**	False		
Output 0 - 1\Outputs\Channel 1\Output					
Output type	Voltage	**Output range**	+/- 10V	**Reaction to CPU STOP**	Shutdown
Substitute value					
Output 0 - 1\I/O addresses\Output addresses					
Start address	2	**End address**	5	**Organization block**	0
Process image	0				

ChemicalProcess / PLC_1 [CPU 1511-1 PN] / Local modules

DI 16x24VDC BA_2

DI 16x24VDC BA_2					
General\Project information					
Name	DI 16x24VDC BA_2	**Author**	mika3	**Comment**	
Rack	0	**Slot**	6		
General\Catalog information					
Short designation	DI 16x24VDC BA	**Description**	Digital input module DI16 x 24VDC; grouping 16; input delay 3.2ms; input type 3 (IEC 61131)	**Article number**	6ES7 521-1BH10-0AA0
Firmware version	V1.1				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2023-04-12 08:14:32.244
Additional information					
Module parameters\General\Startup					
Comparison preset to actual module	From CPU				
Module parameters\DI Configuration\Configuration of submodules					
Module distribution	None				
Module parameters\DI Configuration\Value status (Quality Information)					
Value status	False				
Module parameters\DI Configuration\Copy of module for Shared Device (MSI)					
Copy of module:	None				
Input 0 - 15\General					
Name	DI 16x24VDC BA_2	**Comment**			
Input 0 - 15\Inputs\General\Module failure					
Input values with module failure	Input value 0				
Input 0 - 15\I/O addresses\Input addresses					
Start address	18.0	**End address**	19.7	**Organization block**	0
Process image	0				

ChemicalProcess

HMI_1 [KTP700 Basic PN]

HMI_1	
General	
Name	HMI_1

ChemicalProcess / HMI_1 [KTP700 Basic PN]

Runtime settings

General

Start screen	Root screen	**Default template**		**Default style of the project**	Enabled
Style of the HMI device	WinCC Dark V 1.0.1	**Adapt font size to style**	Enabled	**Screen resolution**	800, 480
Project ID	0	**Logging language**	Startup language		

Services

Sm@rtAccess or service: start Sm@rtServer	Disabled

Screens

Bit selection for text and graphic lists	Off	**User-defined pictogram size**	Disabled	**X,Y:**	72, 51
Scrolling mode	Scroll bar				

Keyboard

Use screen keyboard	Enabled	**Release button on exit**	Disabled	**Disable dialog window function keys**	Disabled

Alarms

Controller alarms

Buffer overflow	10 %	**Acknowledgment group text**	QGR	**Use alarm class color**	Disabled
Use help texts for system diagnostics	Enabled	**System event duration**	2 Seconds	**PersistentAlarmBuffer**	Enabled
Connection	HMI_Connection_1				

User administration

Enable limit for logon attempts	Enabled	**Invalid logon attempts**	3	**Logon with password**	Disabled
Group-specific rights	Disabled	**Password aging**	Disabled	**Validity period**	90
Warning period	7	**Password generations**	3	**At least one special character**	Disabled
At least one number	Disabled	**Minimum password length**	3		

Language & font

Preset runtime language	English (United States)

English (United States)

Runtime language	Enabled	**Fixed font 1**	Tahoma	**Default font**	Tahoma, 11 Pixel
Configured font 1					

Tag settings

Replace the separators on each sub-level of the path of the PLC tag:	Enabled	**Compatibility mode: Set '_' between the PLC tags and the first-level element.**	Disabled	**Replace the '.' character if the name of the HMI tag is created from the PLC tag name**	Enabled
Use '_' as the replacement character	Enabled	**Use ';' as the replacement character**	Disabled	**Replace the characters '[' and ']' if the name of the HMI tag is created from the PLC tag name**	Enabled
Use '{' and '}' as replacement characters	Enabled	**Use '(' and ')' as replacement characters**	Disabled		

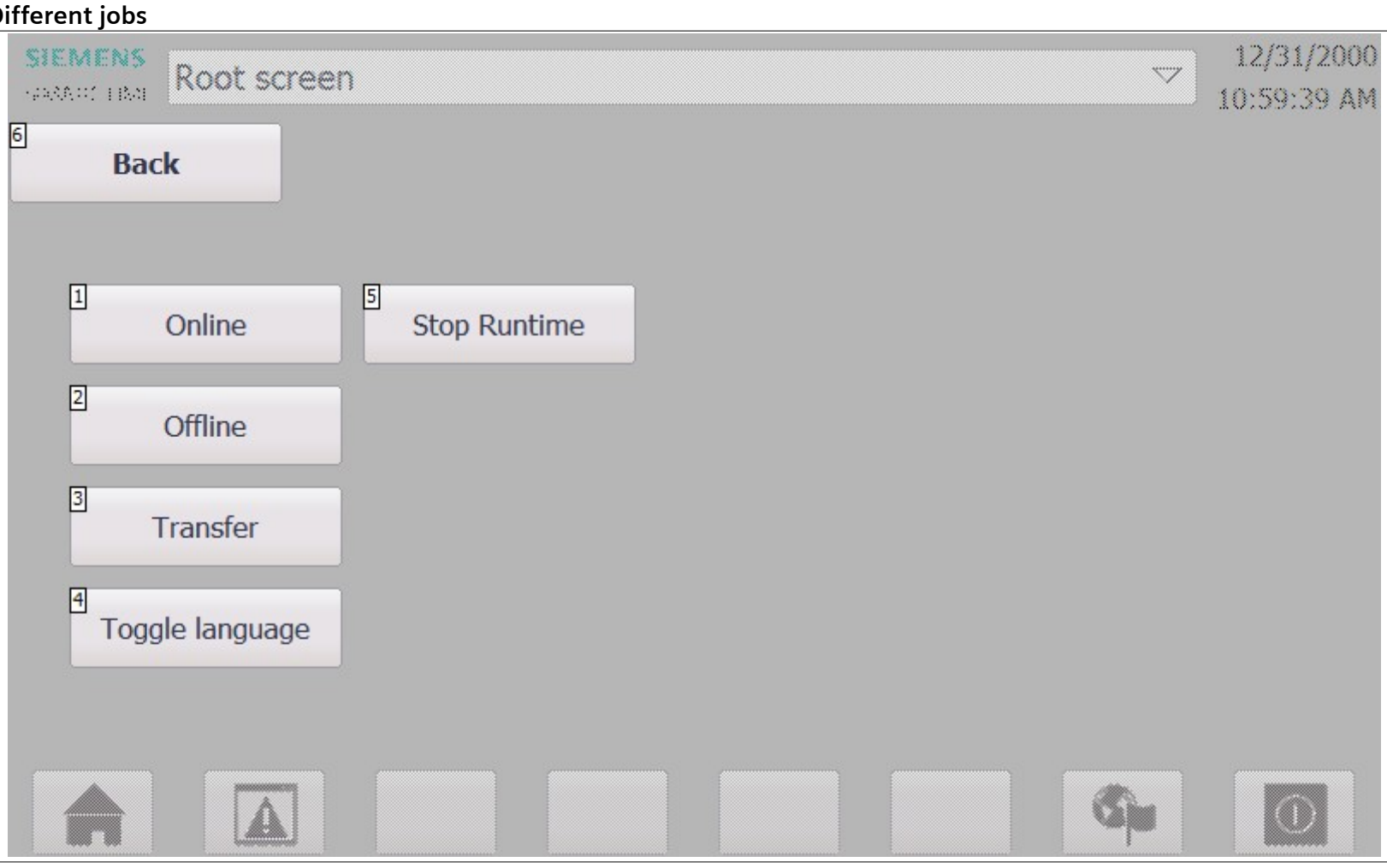
Settings for the prefix 'PLC' in the HMI tag name

Connection	HMI_Connection_1	**PLC name as prefix in the HMI tag name**	Disabled

ChemicalProcess / HMI_1 [KTP700 Basic PN] / Screens

Different jobs

Hardcopy of Different jobs



General					
Name	Different jobs	**Background color**	181, 182, 181	**Grid color**	0, 0, 0
Number	7	**Template**	Template_1	**Tooltip**	
Layers					
Active layer	0				

Layer_0	Enabled
Layer_1	Enabled
Layer_2	Enabled
Layer_3	Enabled
Layer_4	Enabled
Layer_5	Enabled
Layer_6	Enabled
Layer_7	Enabled
Layer_8	Enabled
Layer_9	Enabled
Layer_10	Enabled
Layer_11	Enabled
Layer_12	Enabled
Layer_13	Enabled
Layer_14	Enabled
Layer_15	Enabled
Layer_16	Enabled
Layer_17	Enabled
Layer_18	Enabled
Layer_19	Enabled
Layer_20	Enabled
Layer_21	Enabled
Layer_22	Enabled
Layer_23	Enabled
Layer_24	Enabled
Layer_25	Enabled
Layer_26	Enabled
Layer_27	Enabled
Layer_28	Enabled
Layer_29	Enabled
Layer_30	Enabled
Layer_31	Enabled

Dynamizations\Event	
Event name	Loaded

Function list\SetTag

Tag	Tag_ScreenNumber	**Value**	7

Online

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Online

Text ON	Online	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	36	**Y position**	146	**Width**	159
Height	47	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 17px	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Online	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

Function list\SetDeviceMode

Operating mode	Online

Offline

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Offline
Text ON	Offline	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	36	**Y position**	205	**Width**	159
Height	47	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 17px	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered

Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Offline	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

Function list\SetDeviceMode

Operating mode	Offline

Transfer

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Transfer
Text ON	Transfer	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	36	**Y position**	264	**Width**	159
Height	47	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 17px	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Transfer	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

Function list\SetDeviceMode

Operating mode	Loading

Toggle language

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Toggle language
Text ON	Toggle language	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247

Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	36	**Y position**	323	**Width**	159
Height	47	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 17px	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Toggle language	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

Function list\SetLanguage

Language	Toggle

Stop Runtime

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Stop Runtime
Text ON	Stop Runtime	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	207	**Y position**	146	**Width**	159
Height	47	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 17px	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Stop Runtime	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

Function list\StopRuntime

Mode	Runtime

Back

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Back
Text ON	Back	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	1	**Y position**	52	**Width**	159
Height	47	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Back	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

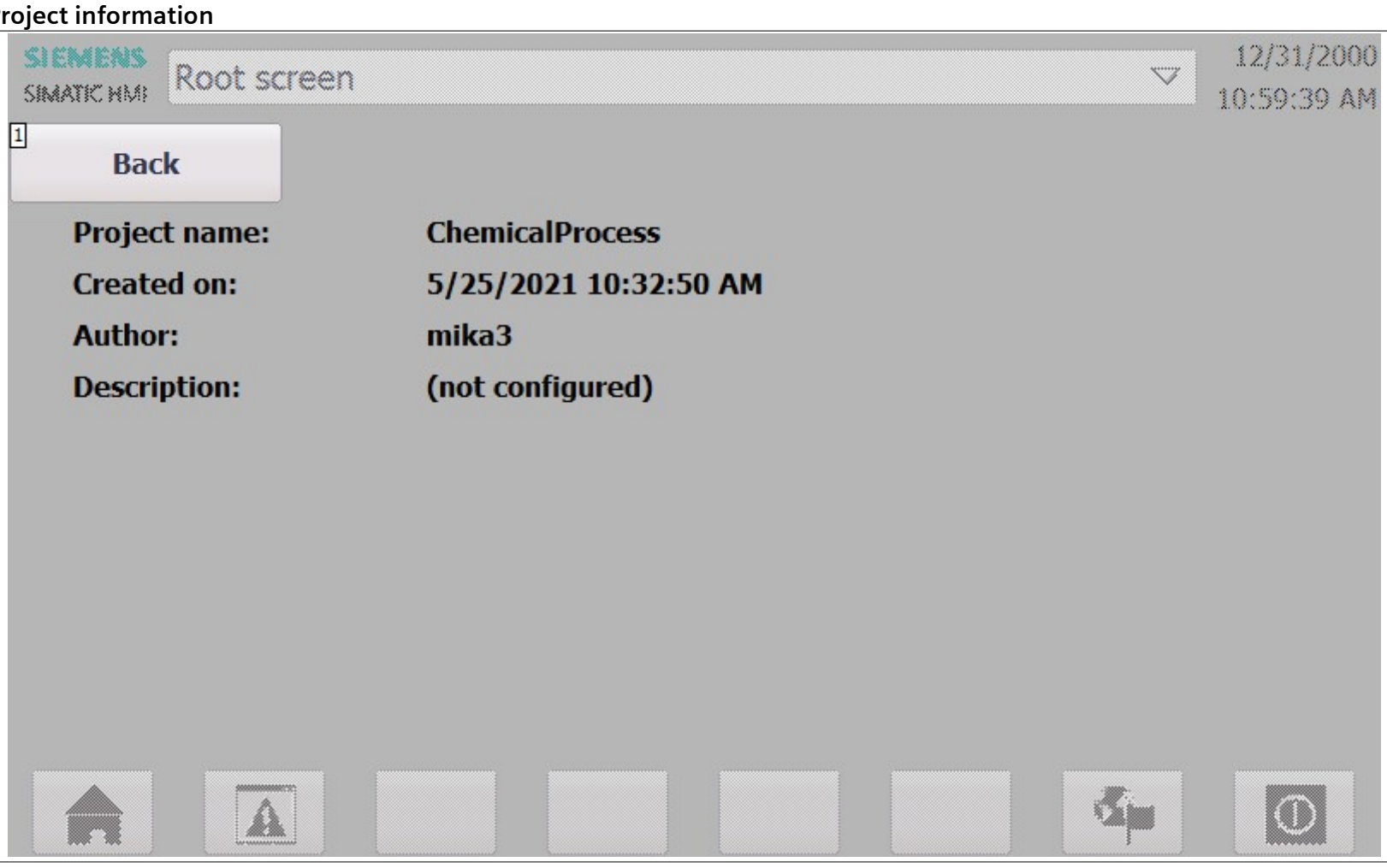
Function list\ActivateScreen

Screen name	System screens	**Object number**	0

ChemicalProcess / HMI_1 [KTP700 Basic PN] / Screens

Project information

Hardcopy of Project information



General					
Name	Project information	**Background color**	181, 182, 181	**Grid color**	0, 0, 0
Number	4	**Template**	Template_1	**Tooltip**	
Layers					
Active layer	0				

Layer_0	Enabled
Layer_1	Enabled
Layer_2	Enabled
Layer_3	Enabled
Layer_4	Enabled
Layer_5	Enabled
Layer_6	Enabled
Layer_7	Enabled
Layer_8	Enabled
Layer_9	Enabled
Layer_10	Enabled
Layer_11	Enabled
Layer_12	Enabled
Layer_13	Enabled
Layer_14	Enabled
Layer_15	Enabled
Layer_16	Enabled
Layer_17	Enabled
Layer_18	Enabled
Layer_19	Enabled
Layer_20	Enabled
Layer_21	Enabled
Layer_22	Enabled
Layer_23	Enabled
Layer_24	Enabled
Layer_25	Enabled
Layer_26	Enabled
Layer_27	Enabled
Layer_28	Enabled
Layer_29	Enabled
Layer_30	Enabled
Layer_31	Enabled

Dynamizations\Event	
Event name	Loaded

Function list\SetTag

Tag	Tag_ScreenNumber	**Value**	4

HmiScreenItemData

Type	Text field
General	
Text	Project name:

Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	0, 0, 0	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	35	**Y position**	102	**Width**	171
Height	28	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData	**Layer**	0 - Layer_0		

HmiScreenItemData_1

Type	Text field				
General					
Text	ChemicalProcess				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	0, 0, 0	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	241	**Y position**	102	**Width**	524
Height	28	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_1	**Layer**	0 - Layer_0		

HmiScreenItemData_2

Type	Text field				
General					
Text	Created on:				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	0, 0, 0	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	35	**Y position**	132	**Width**	171
Height	28	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_2	**Layer**	0 - Layer_0		

HmiScreenItemData_3

Type	Text field				
General					
Text	5/25/2021 10:32:50 AM				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	0, 0, 0	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	241	**Y position**	132	**Width**	524
Height	28	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled

Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_3	**Layer**	0 - Layer_0		

HmiScreenItemData_4

Type	Text field				
General					
Text	Author:				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	0, 0, 0	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	35	**Y position**	162	**Width**	171
Height	28	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_4	**Layer**	0 - Layer_0		

HmiScreenItemData_5

Type	Text field				
General					
Text	mika3				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	0, 0, 0	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	241	**Y position**	162	**Width**	524
Height	28	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_5	**Layer**	0 - Layer_0		

HmiScreenItemData_6

Type	Text field				
General					
Text	Description:				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	0, 0, 0	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	35	**Y position**	192	**Width**	171
Height	28	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_6	**Layer**	0 - Layer_0		

HmiScreenItemData_7

Type	Text field				
General					
Text	(not configured)				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	0, 0, 0	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	241	**Y position**	192	**Width**	524
Height	28	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_7	**Layer**	0 - Layer_0		

Back

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Back
Text ON	Back	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	1	**Y position**	52	**Width**	159
Height	47	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Back	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

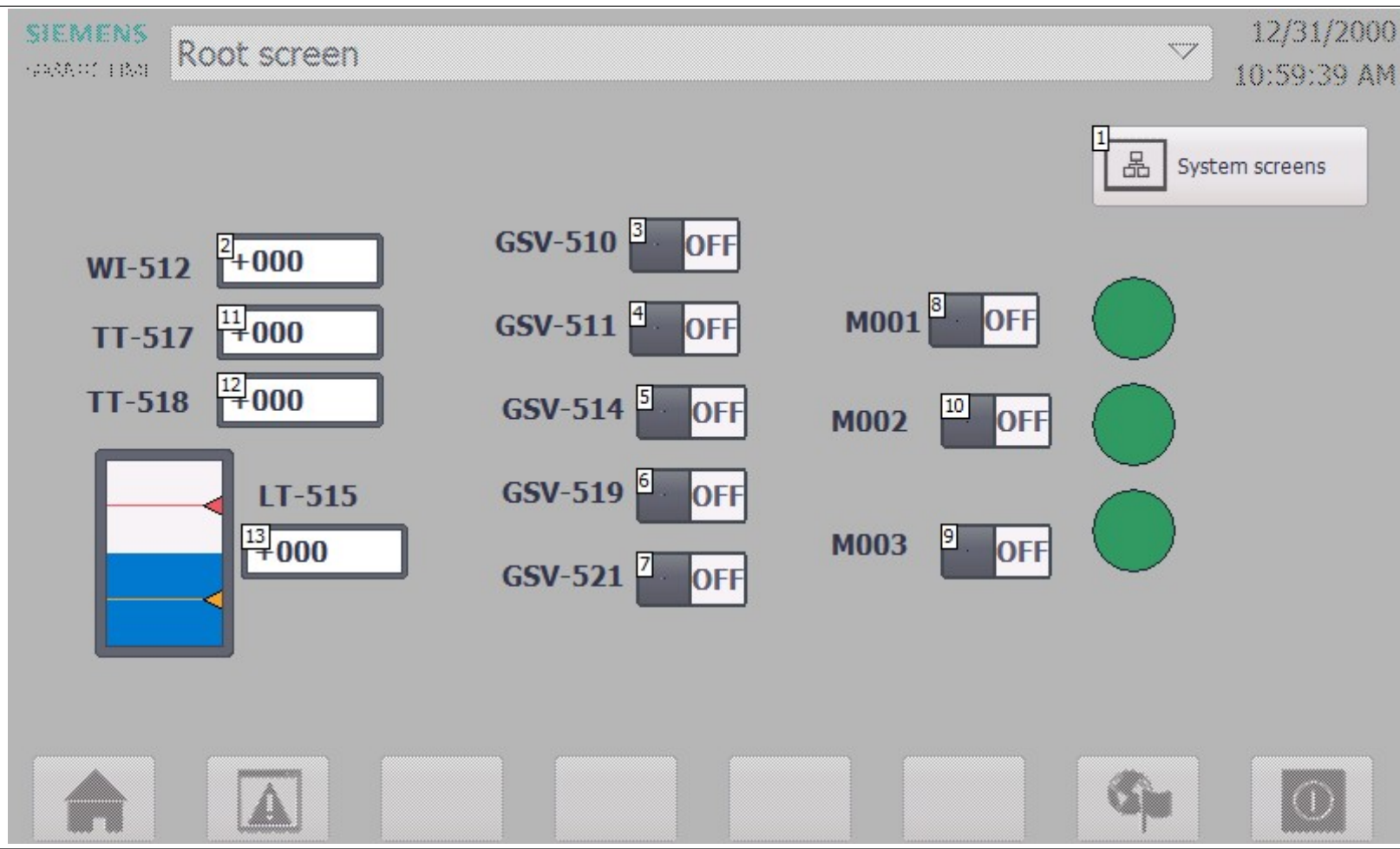
Function list\ActivateScreen

Screen name	System screens	**Object number**	0

ChemicalProcess / HMI_1 [KTP700 Basic PN] / Screens

Root screen

Hardcopy of Root screen



General					
Name	Root screen	**Background color**	181, 182, 181	**Grid color**	0, 0, 0
Number	1	**Template**	Template_1	**Tooltip**	
Layers					
Active layer	0				

Layer_0	Enabled
Layer_1	Enabled
Layer_2	Enabled
Layer_3	Enabled
Layer_4	Enabled
Layer_5	Enabled
Layer_6	Enabled
Layer_7	Enabled
Layer_8	Enabled
Layer_9	Enabled
Layer_10	Enabled
Layer_11	Enabled
Layer_12	Enabled
Layer_13	Enabled
Layer_14	Enabled
Layer_15	Enabled
Layer_16	Enabled
Layer_17	Enabled
Layer_18	Enabled
Layer_19	Enabled
Layer_20	Enabled
Layer_21	Enabled
Layer_22	Enabled
Layer_23	Enabled
Layer_24	Enabled
Layer_25	Enabled
Layer_26	Enabled
Layer_27	Enabled
Layer_28	Enabled
Layer_29	Enabled
Layer_30	Enabled
Layer_31	Enabled

Dynamizations\Event	
Event name	Loaded

Function list\SetTag

Tag	Tag_ScreenNumber	**Value**	1

HmiScreenItemData_1

Type	Button				
General					
Mode	Graphics and text	**Hotkey**	None	**Text OFF**	System screens

Text ON	System screens	**Text list**		**Graphic OFF**	Navigates to System screens for KTP700 Basic+ PN 16.0.0.0
Graphic ON	Navigates to System screens for KTP700 Basic+ PN 16.0.0.0	**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	623	**Y position**	67	**Width**	159
Height	47	**Fit graphic to size**	No stretching of graphic	**Horizontal alignment of the graphic**	Left
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	48
Margin top text (layout)	5	**Margin right text (layout)**	5	**Margin bottom text (layout)**	5
Margin left graphic (layout)	5	**Margin top graphic (layout)**	5	**Margin right graphic (layout)**	5
Margin bottom (layout)	5				
Margin bottom graphic (layout)	5				
Text format					
Font	Tahoma, 12px	**Orientation**	Horizontal	**Horizontal alignment of the text**	Left
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_1	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

Function list\ActivateScreen

Screen name	System screens	**Object number**	0

I/O field_1

Type	I/O field				
General					
Process value		**Mode**	Input/output	**Display format**	Decimal
Shift decimal point	0	**Field length**	3	**Show leading zeros**	Disabled
Format pattern	s999				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Solid	**Corner radius**	3
Foreground color	49, 52, 74	**Unit**		**Border width**	4
Line style	Double line	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Characteristics					
Hidden input	Disabled				
Layout					
X position	120	**Y position**	129	**Width**	96
Height	32	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Limits					
Color for High limit violated	239, 89, 99	**Color for Low limit violated**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	I/O field_1	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	WT-512		

Text field_1

Type	Text field				
General					
Text	WI-512				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	42	**Y position**	137	**Width**	65
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_1	**Layer**	0 - Layer_0		

Switch_1

Type	Switch				
General					
Process value		**Value status ON**	1	**Mode**	Switch
Text ON	ON	**Text OFF**	OFF	**Graphic ON**	
Graphic OFF					
Appearance					
Foreground color	90, 89, 107	**Background color**	99, 101, 115	**Inner background color ON**	247, 243, 247
Inner background color OFF	247, 243, 247	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107	**Corner radius**	3
Fill pattern					
Background fill pattern	Vertical gradient	**Background color gradient (fill pattern)**	99, 101, 115	**Gradient 1 (fill pattern)**	Enabled
Color gradient 1 (fill pattern)	132, 134, 140	**Offset gradient 1 (fill pattern)**	15	**Gradient 2 (fill pattern)**	Enabled
Color gradient 2 (fill pattern)	90, 89, 99	**Offset gradient 2 (fill pattern)**	15		
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	357	**Y position**	120	**Width**	64
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Switch orientation**	Left to right	**Fit object to contents**	Disabled
Margin left text (layout)	0	**Margin top text (layout)**	0	**Margin right text (layout)**	0
Margin bottom text (layout)	0	**Margin left graphic (layout)**	0	**Margin top graphic (layout)**	0
Margin right graphic (layout)	0	**Margin bottom graphic (layout)**	0		
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Limits					
Color for High limit violated	239, 97, 99	**Color for Low limit violated**	255, 219, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Switch_1	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	GSV-510		

Text field_3

Type	Text field				
General					
Text					
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line

Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	283	**Y position**	122	**Width**	16
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_3	**Layer**	0 - Layer_0		

Text field_2

Type	Text field				
General					
Text	GSV-510				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	277	**Y position**	122	**Width**	75
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_2	**Layer**	0 - Layer_0		

Switch_2

Type	Switch				
General					
Process value		**Value status ON**	1	**Mode**	Switch
Text ON	ON	**Text OFF**	OFF	**Graphic ON**	
Graphic OFF					
Appearance					
Foreground color	90, 89, 107	**Background color**	99, 101, 115	**Inner background color ON**	247, 243, 247
Inner background color OFF	247, 243, 247	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107	**Corner radius**	3
Fill pattern					
Background fill pattern	Vertical gradient	**Background color gradient (fill pattern)**	99, 101, 115	**Gradient 1 (fill pattern)**	Enabled
Color gradient 1 (fill pattern)	132, 134, 140	**Offset gradient 1 (fill pattern)**	15	**Gradient 2 (fill pattern)**	Enabled
Color gradient 2 (fill pattern)	90, 89, 99	**Offset gradient 2 (fill pattern)**	15		
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	357	**Y position**	168	**Width**	64
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Switch orientation**	Left to right	**Fit object to contents**	Disabled
Margin left text (layout)	0	**Margin top text (layout)**	0	**Margin right text (layout)**	0
Margin bottom text (layout)	0	**Margin left graphic (layout)**	0	**Margin top graphic (layout)**	0
Margin right graphic (layout)	0	**Margin bottom graphic (layout)**	0		
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Limits					
Color for High limit violated	239, 97, 99	**Color for Low limit violated**	255, 219, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			

Miscellaneous					
Name	Switch_2	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	GSV-511		

Text field_4

Type	Text field				
General					
Text	GSV-511				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	277	**Y position**	170	**Width**	75
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_4	**Layer**	0 - Layer_0		

Switch_3

Type	Switch				
General					
Process value		**Value status ON**	1	**Mode**	Switch
Text ON	ON	**Text OFF**	OFF	**Graphic ON**	
Graphic OFF					
Appearance					
Foreground color	90, 89, 107	**Background color**	99, 101, 115	**Inner background color ON**	247, 243, 247
Inner background color OFF	247, 243, 247	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107	**Corner radius**	3
Fill pattern					
Background fill pattern	Vertical gradient	**Background color gradient (fill pattern)**	99, 101, 115	**Gradient 1 (fill pattern)**	Enabled
Color gradient 1 (fill pattern)	132, 134, 140	**Offset gradient 1 (fill pattern)**	15	**Gradient 2 (fill pattern)**	Enabled
Color gradient 2 (fill pattern)	90, 89, 99	**Offset gradient 2 (fill pattern)**	15		
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	361	**Y position**	216	**Width**	64
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Switch orientation**	Left to right	**Fit object to contents**	Disabled
Margin left text (layout)	0	**Margin top text (layout)**	0	**Margin right text (layout)**	0
Margin bottom text (layout)	0	**Margin left graphic (layout)**	0	**Margin top graphic (layout)**	0
Margin right graphic (layout)	0	**Margin bottom graphic (layout)**	0		
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Limits					
Color for High limit violated	239, 97, 99	**Color for Low limit violated**	255, 219, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Switch_3	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	GSV-514		

Text field_5

Type	Text field				
General					
Text					
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	287	**Y position**	218	**Width**	16
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_5	**Layer**	0 - Layer_0		

Text field_6

Type	Text field				
General					
Text	GSV-514				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	281	**Y position**	218	**Width**	75
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_6	**Layer**	0 - Layer_0		

Switch_4

Type	Switch				
General					
Process value		**Value status ON**	1	**Mode**	Switch
Text ON	ON	**Text OFF**	OFF	**Graphic ON**	
Graphic OFF					
Appearance					
Foreground color	90, 89, 107	**Background color**	99, 101, 115	**Inner background color ON**	247, 243, 247
Inner background color OFF	247, 243, 247	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107	**Corner radius**	3
Fill pattern					
Background fill pattern	Vertical gradient	**Background color gradient (fill pattern)**	99, 101, 115	**Gradient 1 (fill pattern)**	Enabled
Color gradient 1 (fill pattern)	132, 134, 140	**Offset gradient 1 (fill pattern)**	15	**Gradient 2 (fill pattern)**	Enabled
Color gradient 2 (fill pattern)	90, 89, 99	**Offset gradient 2 (fill pattern)**	15		
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	361	**Y position**	264	**Width**	64
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Switch orientation**	Left to right	**Fit object to contents**	Disabled
Margin left text (layout)	0	**Margin top text (layout)**	0	**Margin right text (layout)**	0
Margin bottom text (layout)	0	**Margin left graphic (layout)**	0	**Margin top graphic (layout)**	0
Margin right graphic (layout)	0	**Margin bottom graphic (layout)**	0		

Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Limits					
Color for High limit violated	239, 97, 99	**Color for Low limit violated**	255, 219, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Switch_4	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	GSV-519		

Text field_7

Type	Text field				
General					
Text	GSV-519				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	281	**Y position**	266	**Width**	75
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_7	**Layer**	0 - Layer_0		

Switch_5

Type	Switch				
General					
Process value		**Value status ON**	1	**Mode**	Switch
Text ON	ON	**Text OFF**	OFF	**Graphic ON**	
Graphic OFF					
Appearance					
Foreground color	90, 89, 107	**Background color**	99, 101, 115	**Inner background color ON**	247, 243, 247
Inner background color OFF	247, 243, 247	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107	**Corner radius**	3
Fill pattern					
Background fill pattern	Vertical gradient	**Background color gradient (fill pattern)**	99, 101, 115	**Gradient 1 (fill pattern)**	Enabled
Color gradient 1 (fill pattern)	132, 134, 140	**Offset gradient 1 (fill pattern)**	15	**Gradient 2 (fill pattern)**	Enabled
Color gradient 2 (fill pattern)	90, 89, 99	**Offset gradient 2 (fill pattern)**	15		
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	361	**Y position**	312	**Width**	64
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Switch orientation**	Left to right	**Fit object to contents**	Disabled
Margin left text (layout)	0	**Margin top text (layout)**	0	**Margin right text (layout)**	0
Margin bottom text (layout)	0	**Margin left graphic (layout)**	0	**Margin top graphic (layout)**	0
Margin right graphic (layout)	0	**Margin bottom graphic (layout)**	0		
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Limits					
Color for High limit violated	239, 97, 99	**Color for Low limit violated**	255, 219, 41		

Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Switch_5	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	GSV-521		

Text field_8

Type	Text field				
General					
Text	GSV-521				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	281	**Y position**	314	**Width**	75
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_8	**Layer**	0 - Layer_0		

Switch_6

Type	Switch				
General					
Process value		**Value status ON**	1	**Mode**	Switch
Text ON	ON	**Text OFF**	OFF	**Graphic ON**	
Graphic OFF					
Appearance					
Foreground color	90, 89, 107	**Background color**	99, 101, 115	**Inner background color ON**	247, 243, 247
Inner background color OFF	247, 243, 247	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107	**Corner radius**	3
Fill pattern					
Background fill pattern	Vertical gradient	**Background color gradient (fill pattern)**	99, 101, 115	**Gradient 1 (fill pattern)**	Enabled
Color gradient 1 (fill pattern)	132, 134, 140	**Offset gradient 1 (fill pattern)**	15	**Gradient 2 (fill pattern)**	Enabled
Color gradient 2 (fill pattern)	90, 89, 99	**Offset gradient 2 (fill pattern)**	15		
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	529	**Y position**	163	**Width**	64
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Switch orientation**	Left to right	**Fit object to contents**	Disabled
Margin left text (layout)	0	**Margin top text (layout)**	0	**Margin right text (layout)**	0
Margin bottom text (layout)	0	**Margin left graphic (layout)**	0	**Margin top graphic (layout)**	0
Margin right graphic (layout)	0	**Margin bottom graphic (layout)**	0		
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Limits					
Color for High limit violated	239, 97, 99	**Color for Low limit violated**	255, 219, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Switch_6	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	"M001.ST"		

Text field_9

Type	Text field				
General					
Text	M001				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	478	**Y position**	168	**Width**	49
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_9	**Layer**	0 - Layer_0		

Switch_7

Type	Switch				
General					
Process value		**Value status ON**	1	**Mode**	Switch
Text ON	ON	**Text OFF**	OFF	**Graphic ON**	
Graphic OFF					
Appearance					
Foreground color	90, 89, 107	**Background color**	99, 101, 115	**Inner background color ON**	247, 243, 247
Inner background color OFF	247, 243, 247	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107	**Corner radius**	3
Fill pattern					
Background fill pattern	Vertical gradient	**Background color gradient (fill pattern)**	99, 101, 115	**Gradient 1 (fill pattern)**	Enabled
Color gradient 1 (fill pattern)	132, 134, 140	**Offset gradient 1 (fill pattern)**	15	**Gradient 2 (fill pattern)**	Enabled
Color gradient 2 (fill pattern)	90, 89, 99	**Offset gradient 2 (fill pattern)**	15		
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	536	**Y position**	296	**Width**	64
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Switch orientation**	Left to right	**Fit object to contents**	Disabled
Margin left text (layout)	0	**Margin top text (layout)**	0	**Margin right text (layout)**	0
Margin bottom text (layout)	0	**Margin left graphic (layout)**	0	**Margin top graphic (layout)**	0
Margin right graphic (layout)	0	**Margin bottom graphic (layout)**	0		
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Limits					
Color for High limit violated	239, 97, 99	**Color for Low limit violated**	255, 219, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Switch_7	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	"M003.ST"		

Text field_10

Type	Text field				
General					
Text	M003				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line

Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	470	**Y position**	296	**Width**	49
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_10	**Layer**	0 - Layer_0		

Switch_8

Type	Switch				
General					
Process value		**Value status ON**	1	**Mode**	Switch
Text ON	ON	**Text OFF**	OFF	**Graphic ON**	
Graphic OFF					
Appearance					
Foreground color	90, 89, 107	**Background color**	99, 101, 115	**Inner background color ON**	247, 243, 247
Inner background color OFF	247, 243, 247	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107	**Corner radius**	3
Fill pattern					
Background fill pattern	Vertical gradient	**Background color gradient (fill pattern)**	99, 101, 115	**Gradient 1 (fill pattern)**	Enabled
Color gradient 1 (fill pattern)	132, 134, 140	**Offset gradient 1 (fill pattern)**	15	**Gradient 2 (fill pattern)**	Enabled
Color gradient 2 (fill pattern)	90, 89, 99	**Offset gradient 2 (fill pattern)**	15		
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	536	**Y position**	221	**Width**	64
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Switch orientation**	Left to right	**Fit object to contents**	Disabled
Margin left text (layout)	0	**Margin top text (layout)**	0	**Margin right text (layout)**	0
Margin bottom text (layout)	0	**Margin left graphic (layout)**	0	**Margin top graphic (layout)**	0
Margin right graphic (layout)	0	**Margin bottom graphic (layout)**	0		
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Limits					
Color for High limit violated	239, 97, 99	**Color for Low limit violated**	255, 219, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Switch_8	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	"M002.ST"		

Text field_11

Type	Text field				
General					
Text	M002				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	470	**Y position**	225	**Width**	49
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		

Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_11	**Layer**	0 - Layer_0		

I/O field_4

Type	I/O field				
General					
Process value		**Mode**	Input/output	**Display format**	Decimal
Shift decimal point	0	**Field length**	3	**Show leading zeros**	Disabled
Format pattern	s999				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Solid	**Corner radius**	3
Foreground color	49, 52, 74	**Unit**		**Border width**	4
Line style	Double line	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Characteristics					
Hidden input	Disabled				
Layout					
X position	120	**Y position**	170	**Width**	96
Height	32	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Limits					
Color for High limit violated	239, 89, 99	**Color for Low limit violated**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	I/O field_4	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	TT-517		

Text field_14

Type	Text field				
General					
Text	TT-517				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	45	**Y position**	177	**Width**	64
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_14	**Layer**	0 - Layer_0		

I/O field_5

Type	I/O field				
General					
Process value		**Mode**	Input/output	**Display format**	Decimal
Shift decimal point	0	**Field length**	3	**Show leading zeros**	Disabled
Format pattern	s999				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Solid	**Corner radius**	3
Foreground color	49, 52, 74	**Unit**		**Border width**	4
Line style	Double line	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Characteristics					
Hidden input	Disabled				
Layout					
X position	120	**Y position**	209	**Width**	96
Height	32	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled

Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Limits					
Color for High limit violated	239, 89, 99	**Color for Low limit violated**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	I/O field_5	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	TT-518		

Text field_15

Type	Text field				
General					
Text	TT-518				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	42	**Y position**	214	**Width**	64
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_15	**Layer**	0 - Layer_0		

Circle_1

Type	Circle				
Appearance					
Background color	49, 154, 99	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	623	**Y position**	154	**Width**	48
Height	48	**Radius**	24		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Circle_1	**Layer**	0 - Layer_0		
Dynamizations\Visibility					
Tag - Cycle	"M001.R" -	**Data type**	Range	**Start range**	1
End range	1	**Visibility**	Visible		

Circle_2

Type	Circle				
Appearance					
Background color	49, 154, 99	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	623	**Y position**	215	**Width**	48
Height	48	**Radius**	24		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Circle_2	**Layer**	0 - Layer_0		
Dynamizations\Visibility					
Tag - Cycle	"M002.R" -	**Data type**	Range	**Start range**	1
End range	1	**Visibility**	Visible		

Circle_3

Type	Circle				
Appearance					
Background color	49, 154, 99	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		

Layout					
X position	623	**Y position**	276	**Width**	48
Height	48	**Radius**	24		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Circle_3	**Layer**	0 - Layer_0		
Dynamizations\Visibility					
Tag - Cycle	"M003.R" -	**Data type**	Range	**Start range**	1
End range	1	**Visibility**	Visible		

Bar_1

Type	Bar				
General					
Maximum value	27648	**Minimum value**	0	**Process value**	0
Appearance					
Foreground color	0, 121, 206	**Segment coloring**	Entire bar	**Background color**	247, 243, 247
Background fill pattern	Solid	**Color of scale**	49, 52, 74	**Limit lines (layout)**	Enabled
Limit marking (layout)	Enabled				
Border type					
Border width	7	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Line style	Double line	**Corner radius (border)**	4		
Scales					
Show scale	Disabled	**Auto-scale**	Disabled	**Divisions**	5
Large mark labeling	1	**Scale gradation**	100		
Label					
Show scale marks	Enabled	**Show "+" for positive numbers**	Disabled	**Use exponential format**	Disabled
Double-lined scale label	Disabled	**Unit**		**Integer digits**	5
Decimal places	0				
Layout					
X position	50	**Y position**	253	**Width**	80
Height	120	**Scale position**	Left/up	**Bar orientation**	Top
Text format					
Font	Tahoma, 13px, style=Bold				
Limits/Ranges					
Color range high 2	239, 89, 99	**Color range low 2**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Bar_1	**Layer**	0 - Layer_0		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	LT-515		

Text field_12

Type	Text field				
General					
Text	LT-515				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	141	**Y position**	268	**Width**	62
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_12	**Layer**	0 - Layer_0		

I/O field_2

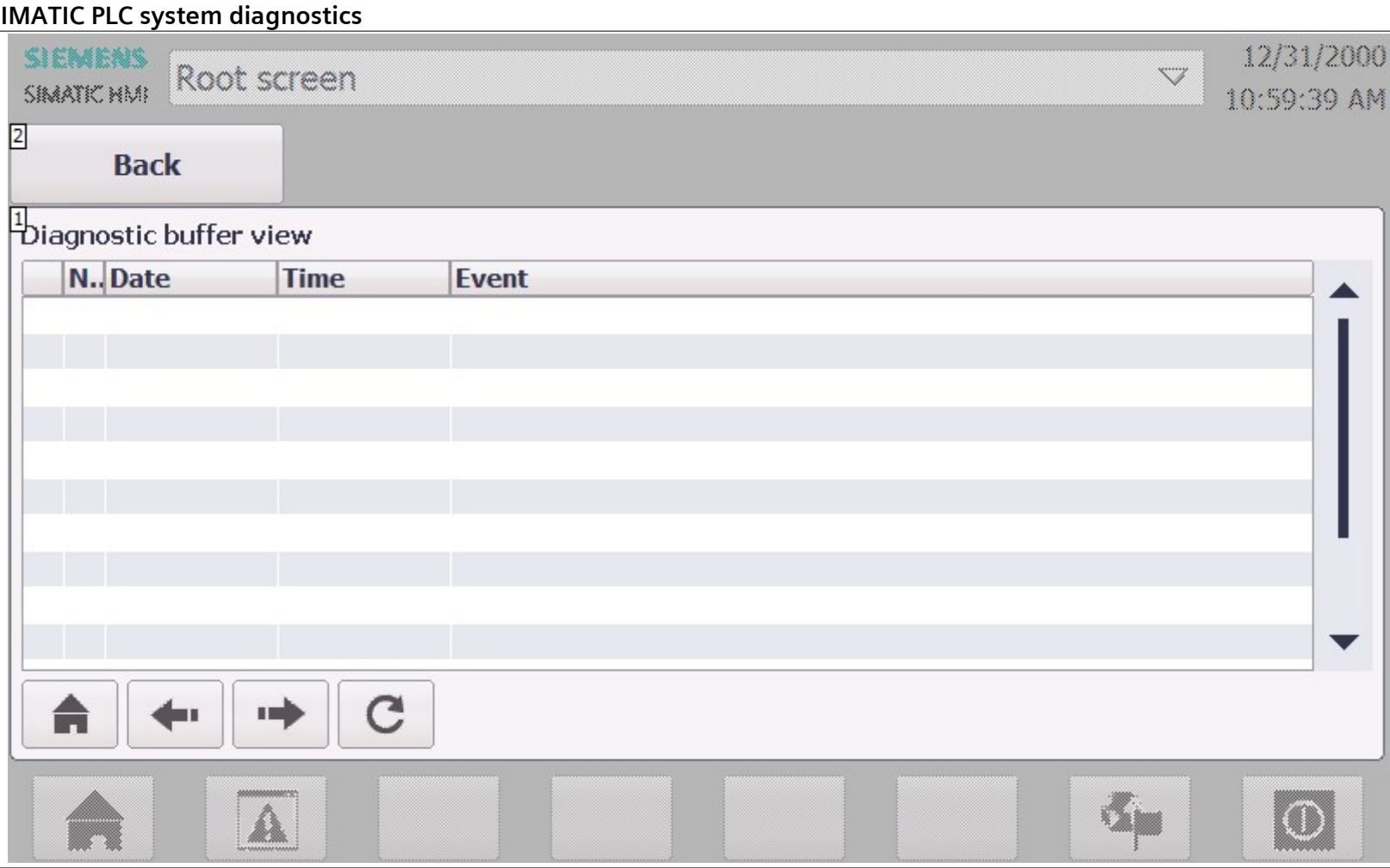
Type	I/O field				
General					
Process value		**Mode**	Input/output	**Display format**	Decimal
Shift decimal point	0	**Field length**	3	**Show leading zeros**	Disabled
Format pattern	s999				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Solid	**Corner radius**	3
Foreground color	49, 52, 74	**Unit**		**Border width**	4

Line style	Double line	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Characteristics					
Hidden input	Disabled				
Layout					
X position	134	**Y position**	296	**Width**	96
Height	32	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Limits					
Color for High limit violated	239, 89, 99	**Color for Low limit violated**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	I/O field_2	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	LT-515		

ChemicalProcess / HMI_1 [KTP700 Basic PN] / Screens

SIMATIC PLC system diagnostics

Hardcopy of SIMATIC PLC system diagnostics



General					
Name	SIMATIC PLC system diagnostics	**Background color**	181, 182, 181	**Grid color**	0, 0, 0
Number	3	**Template**	Template_1	**Tooltip**	
Layers					
Active layer	0				

Layer_0	Enabled
Layer_1	Enabled
Layer_2	Enabled
Layer_3	Enabled
Layer_4	Enabled
Layer_5	Enabled
Layer_6	Enabled
Layer_7	Enabled
Layer_8	Enabled
Layer_9	Enabled
Layer_10	Enabled
Layer_11	Enabled
Layer_12	Enabled
Layer_13	Enabled
Layer_14	Enabled
Layer_15	Enabled
Layer_16	Enabled
Layer_17	Enabled
Layer_18	Enabled
Layer_19	Enabled
Layer_20	Enabled
Layer_21	Enabled
Layer_22	Enabled
Layer_23	Enabled
Layer_24	Enabled
Layer_25	Enabled
Layer_26	Enabled
Layer_27	Enabled
Layer_28	Enabled
Layer_29	Enabled
Layer_30	Enabled
Layer_31	Enabled

Dynamizations\Event	
Event name	Loaded

Function list\SetTag

Tag	Tag_ScreenNumber	**Value**	3

HmiScreenItemData

Type	System diagnostics view

General					
Text during reload of data	Default value	**Diagnostics overview path name**	Default value	**Path in diagnostics buffer view**	Default value
Path in detail view of diagnostics buffer view	Default value	**Selection frame width**	2	**Color of the selected area**	165, 207, 214
Appearance					
Background color	247, 243, 247	**Text navigation path**	49, 52, 74	**Background color column header**	239, 235, 239
Text column header	49, 52, 74	**Background information area**	255, 255, 255	**Alternative color**	231, 231, 239
Text information area	49, 52, 74	**Background of selected row**	148, 182, 231	**Foreground of selected cells**	255, 255, 255
Color grid line (appearance)	255, 255, 255	**Grid**	Enabled		
Border					
Width (border)	1	**Style (border)**	Solid	**Foreground color (border)**	99, 105, 115
Background color (border)	99, 105, 115	**Corner radius (border)**	4		
Layout					
X position	1	**Y position**	100	**Width**	796
Height	321	**Show header (path)**	Enabled	**Show milliseconds**	Disabled
Fit object to contents	Disabled	**Automatically adjust top rows**	5	**Lines per entry**	1
Text format					
Header font	Tahoma, 15px, style=Bold	**Font information area**	Tahoma, 15px	**Font (column headers)**	Tahoma, 15px, style=Bold
Toolbar - General					
Display toolbar	Enabled	**Toolbar background color use**	Disabled	**Toolbar background color**	247, 243, 247
Toolbar alignment	Down				
Buttons - Toolbar					
"Device view" button	Enabled	**"Back" button**	Enabled	**"Detail view" button**	Enabled
Diagnostic buffer view button	Enabled	**"Update" button**	Enabled		
Button border					
Width (button border)	1	**Style (button border)**	Solid	**Foreground color (button border)**	156, 154, 165
Background color (button border)	156, 154, 165	**Corner radius (button border)**	3		
Button fill pattern					
Fill pattern (button fill pattern)	Vertical gradient	**Background color (button fill pattern)**	239, 235, 239	**Background color gradient (button fill pattern)**	239, 235, 239
Gradient 1 (button fill pattern)	Enabled	**Color gradient 1 (button fill pattern)**	247, 247, 247	**Offset gradient 1 (button fill pattern)**	15
Gradient 2 (button fill pattern)	Enabled	**Color gradient 2 (button fill pattern)**	231, 223, 222	**Offset gradient 2 (button fill pattern)**	15
Diagnostic buffer view					
Event number (diagnostic view column header)	Default value	**Event number (diagnostics buffer view visibility)**	Enabled	**Number (diagnostics buffer view column width)**	24
Date (diagnostics buffer view column header)	Default value	**Date (diagnostics buffer view visibility)**	Enabled	**Date (diagnostics buffer view column width)**	100
Time (diagnostics buffer view column header)	Default value	**Time (diagnostics buffer view visibility)**	Enabled	**Time (diagnostics buffer view column width)**	100
Event (diagnostic view column header)	Default value	**Event (diagnostics buffer view visibility)**	Enabled	**Event (diagnostics buffer view column width)**	500
Status (diagnostics buffer view column header)	Default value	**Status (diagnostics buffer view visibility)**	Enabled	**Status (diagnostics buffer view column width)**	24
Table header border					
Width (table header border)	1	**Style (table header border)**	Solid	**Color (table header border)**	156, 154, 165
Background color (table header border)	156, 154, 165	**Corner radius (table header border)**	2		
Table header fill pattern					
Fill pattern (table header fill pattern)	Vertical gradient	**Background color gradient (table header fill pattern)**	239, 235, 239	**Gradient 1 (table header fill pattern)**	Enabled
Color gradient 1 (table header fill pattern)	247, 247, 247	**Offset gradient 1 (table header fill pattern)**	15	**Gradient 2 (table header fill pattern)**	Enabled
Color gradient 2 (table header fill pattern)	231, 223, 222	**Offset gradient 2 (table header fill pattern)**	15		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData	**Layer**	0 - Layer_0	**Visible**	Enabled
Security					
Authorization		**Allow operator control**	Enabled		

Back

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Back
Text ON	Back	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	1	**Y position**	52	**Width**	159
Height	47	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Back	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

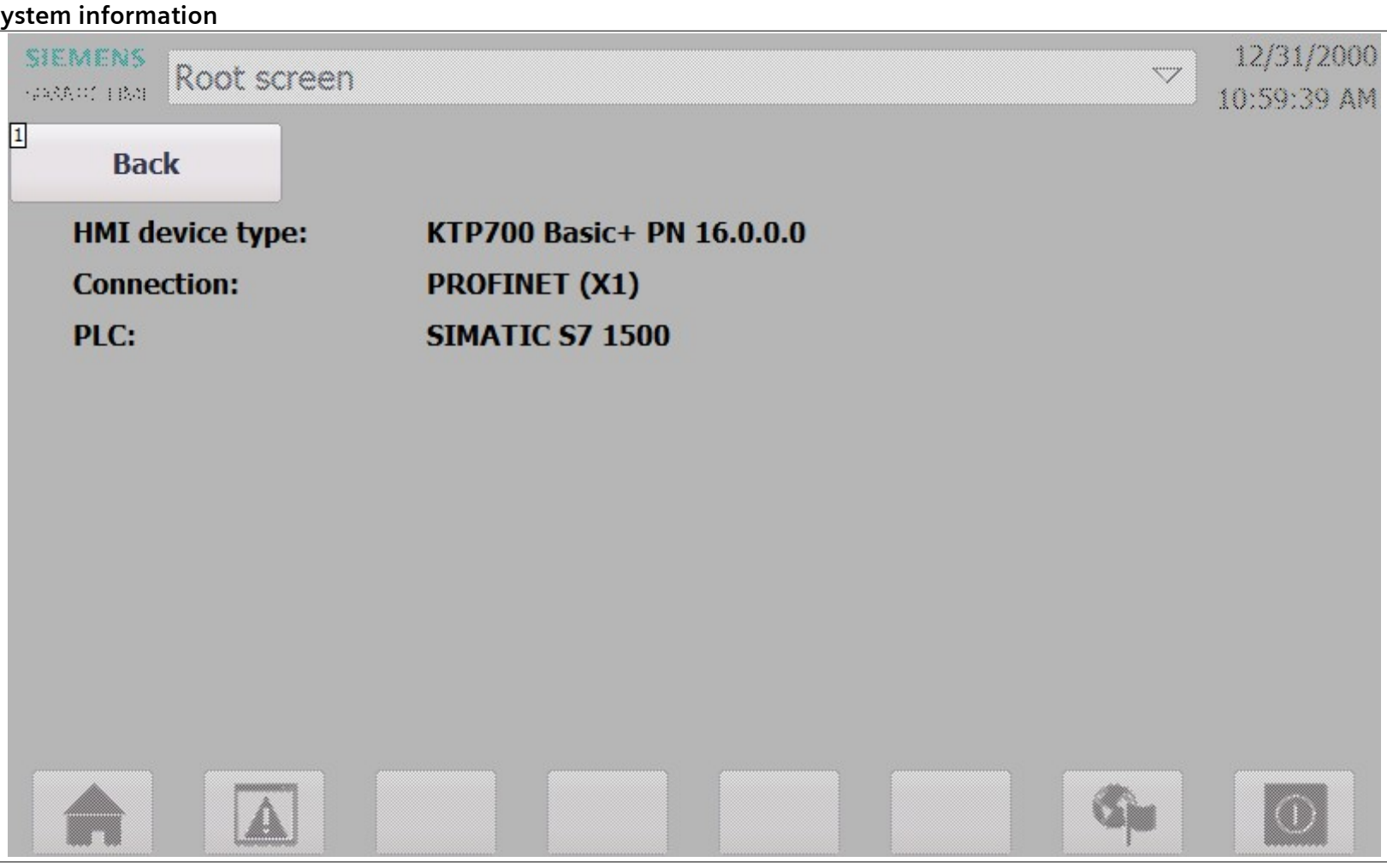
Function list\ActivateScreen

Screen name	System screens	**Object number**	0

ChemicalProcess / HMI_1 [KTP700 Basic PN] / Screens

System information

Hardcopy of System information



General					
Name	System information	**Background color**	181, 182, 181	**Grid color**	0, 0, 0
Number	6	**Template**	Template_1	**Tooltip**	
Layers					
Active layer	0				

Layer_0	Enabled
Layer_1	Enabled
Layer_2	Enabled
Layer_3	Enabled
Layer_4	Enabled
Layer_5	Enabled
Layer_6	Enabled
Layer_7	Enabled
Layer_8	Enabled
Layer_9	Enabled
Layer_10	Enabled
Layer_11	Enabled
Layer_12	Enabled
Layer_13	Enabled
Layer_14	Enabled
Layer_15	Enabled
Layer_16	Enabled
Layer_17	Enabled
Layer_18	Enabled
Layer_19	Enabled
Layer_20	Enabled
Layer_21	Enabled
Layer_22	Enabled
Layer_23	Enabled
Layer_24	Enabled
Layer_25	Enabled
Layer_26	Enabled
Layer_27	Enabled
Layer_28	Enabled
Layer_29	Enabled
Layer_30	Enabled
Layer_31	Enabled

Dynamizations\Event	
Event name	Loaded

Function list\SetTag

Tag	Tag_ScreenNumber	**Value**	6

HmiScreenItemData

Type	Text field
General	
Text	HMI device type:

Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	0, 0, 0	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	35	**Y position**	102	**Width**	171
Height	28	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData	**Layer**	0 - Layer_0		

HmiScreenItemData_1

Type	Text field				
General					
Text	KTP700 Basic+ PN 16.0.0.0				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	0, 0, 0	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	241	**Y position**	102	**Width**	524
Height	28	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_1	**Layer**	0 - Layer_0		

HmiScreenItemData_2

Type	Text field				
General					
Text	Connection:				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	0, 0, 0	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	35	**Y position**	132	**Width**	171
Height	28	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_2	**Layer**	0 - Layer_0		

HmiScreenItemData_3

Type	Text field				
General					
Text	PROFINET (X1)				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	0, 0, 0	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	241	**Y position**	132	**Width**	524
Height	28	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled

Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_3	**Layer**	0 - Layer_0		

HmiScreenItemData_4

Type	Text field				
General					
Text	PLC:				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	0, 0, 0	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	35	**Y position**	162	**Width**	171
Height	28	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_4	**Layer**	0 - Layer_0		

HmiScreenItemData_5

Type	Text field				
General					
Text	SIMATIC S7 1500				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	0, 0, 0	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	241	**Y position**	162	**Width**	524
Height	28	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_5	**Layer**	0 - Layer_0		

Back

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Back
Text ON	Back	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	1	**Y position**	52	**Width**	159

Height	47	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Back	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

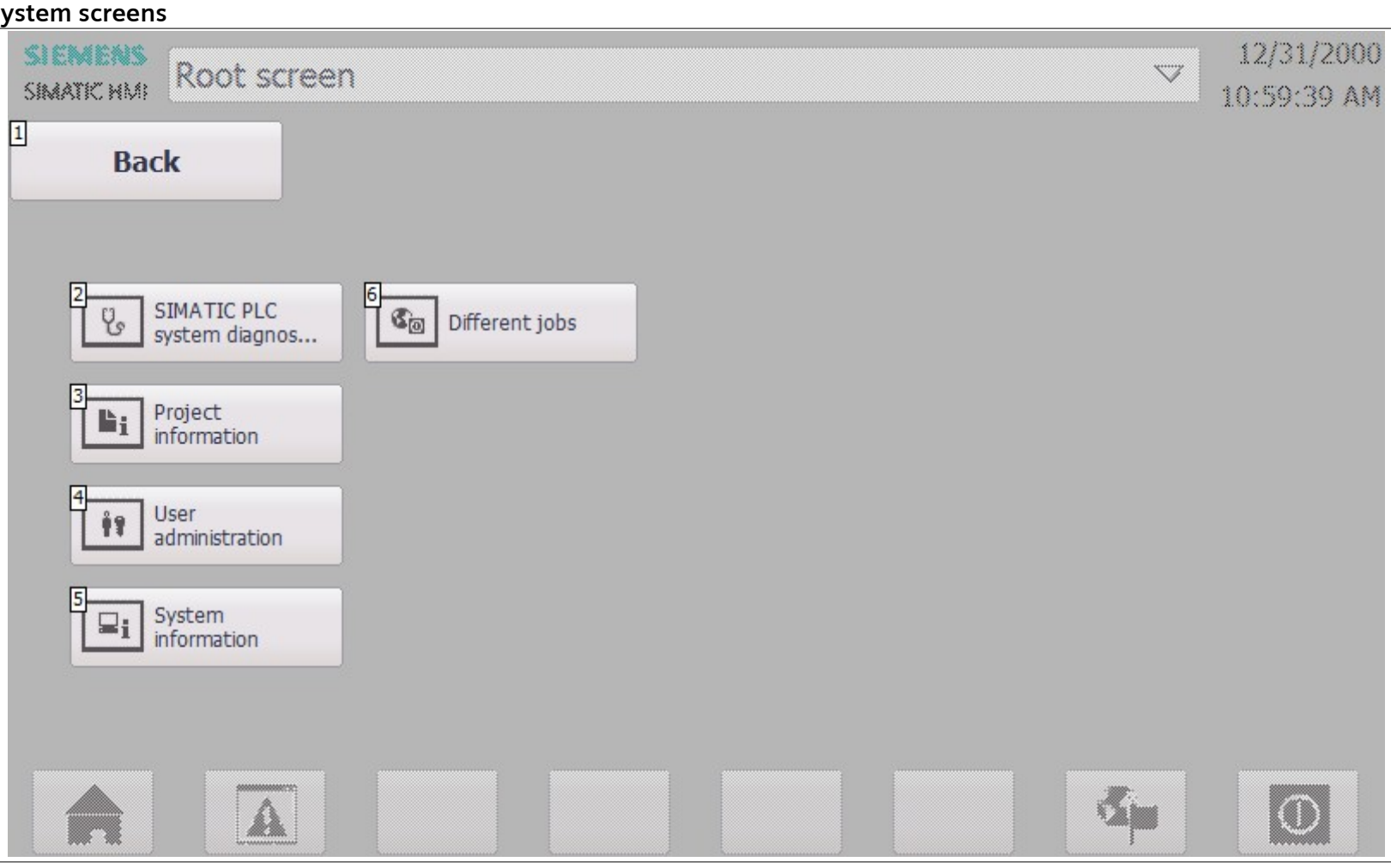
Function list\ActivateScreen

Screen name	System screens	**Object number**	0

ChemicalProcess / HMI_1 [KTP700 Basic PN] / Screens

System screens

Hardcopy of System screens



General					
Name	System screens	**Background color**	181, 182, 181	**Grid color**	0, 0, 0
Number	2	**Template**	Template_1	**Tooltip**	
Layers					
Active layer	0				

Layer_0	Enabled
Layer_1	Enabled
Layer_2	Enabled
Layer_3	Enabled
Layer_4	Enabled
Layer_5	Enabled
Layer_6	Enabled
Layer_7	Enabled
Layer_8	Enabled
Layer_9	Enabled
Layer_10	Enabled
Layer_11	Enabled
Layer_12	Enabled
Layer_13	Enabled
Layer_14	Enabled
Layer_15	Enabled
Layer_16	Enabled
Layer_17	Enabled
Layer_18	Enabled
Layer_19	Enabled
Layer_20	Enabled
Layer_21	Enabled
Layer_22	Enabled
Layer_23	Enabled
Layer_24	Enabled
Layer_25	Enabled
Layer_26	Enabled
Layer_27	Enabled
Layer_28	Enabled
Layer_29	Enabled
Layer_30	Enabled
Layer_31	Enabled

Dynamizations\Event	
Event name	Loaded

Function list\SetTag

Tag	Tag_ScreenNumber	**Value**	2

Back

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Back

Text ON	Back	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	1	**Y position**	52	**Width**	159
Height	47	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Back	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

Function list\ActivateScreen

Screen name	Root screen	**Object number**	0

HmiScreenItemData

Type	Button				
General					
Mode	Graphics and text	**Hotkey**	None	**Text OFF**	SIMATIC PLC system diagnos...
Text ON	SIMATIC PLC system diagnos...	**Text list**		**Graphic OFF**	Navigates to SIMATIC PLC system diagnostics for KTP700 Basic+ PN 16.0.0.0
Graphic ON	Navigates to SIMATIC PLC system diagnostics for KTP700 Basic+ PN 16.0.0.0	**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	36	**Y position**	146	**Width**	159
Height	47	**Fit graphic to size**	No stretching of graphic	**Horizontal alignment of the graphic**	Left
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	48
Margin top text (layout)	5	**Margin right text (layout)**	5	**Margin bottom text (layout)**	5
Margin left graphic (layout)	5	**Margin top graphic (layout)**	5	**Margin right graphic (layout)**	5
Margin bottom graphic (layout)	5				

Text format					
Font	Tahoma, 12px	**Orientation**	Horizontal	**Horizontal alignment of the text**	Left
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

Function list\ActivateScreen

Screen name	SIMATIC PLC system diagnostics	**Object number**	0

HmiScreenItemData_1

Type	Button				
General					
Mode	Graphics and text	**Hotkey**	None	**Text OFF**	Project information
Text ON	Project information	**Text list**		**Graphic OFF**	Navigates to Project information for KTP700 Basic+ PN 16.0.0.0
Graphic ON	Navigates to Project information for KTP700 Basic+ PN 16.0.0.0	**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	36	**Y position**	205	**Width**	159
Height	47	**Fit graphic to size**	No stretching of graphic	**Horizontal alignment of the graphic**	Left
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	48
Margin top text (layout)	5	**Margin right text (layout)**	5	**Margin bottom text (layout)**	5
Margin left graphic (layout)	5	**Margin top graphic (layout)**	5	**Margin right graphic (layout)**	5
Margin bottom graphic (layout)	5				
Text format					
Font	Tahoma, 12px	**Orientation**	Horizontal	**Horizontal alignment of the text**	Left
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_1	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

Function list\ActivateScreen

Screen name	Project information	**Object number**	0

HmiScreenItemData_2

Type	Button				
General					
Mode	Graphics and text	**Hotkey**	None	**Text OFF**	User administration
Text ON	User administration	**Text list**		**Graphic OFF**	Navigates to User administration for KTP700 Basic+ PN 16.0.0.0
Graphic ON	Navigates to User administration for KTP700 Basic+ PN 16.0.0.0	**Graphic list**		**Process value**	
Bit number	0				

Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	36	**Y position**	264	**Width**	159
Height	47	**Fit graphic to size**	No stretching of graphic	**Horizontal alignment of the graphic**	Left
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	48
Margin top text (layout)	5	**Margin right text (layout)**	5	**Margin bottom text (layout)**	5
Margin left graphic (layout)	5	**Margin top graphic (layout)**	5	**Margin right graphic (layout)**	5
Margin bottom graphic (layout)	5				
Text format					
Font	Tahoma, 12px	**Orientation**	Horizontal	**Horizontal alignment of the text**	Left
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_2	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

Function list\ActivateScreen

Screen name	User administration	**Object number**	0

HmiScreenItemData_3

Type	Button				
General					
Mode	Graphics and text	**Hotkey**	None	**Text OFF**	System information
Text ON	System information	**Text list**		**Graphic OFF**	Navigates to System information for KTP700 Basic+ PN 16.0.0.0
Graphic ON	Navigates to System information for KTP700 Basic+ PN 16.0.0.0	**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	36	**Y position**	323	**Width**	159
Height	47	**Fit graphic to size**	No stretching of graphic	**Horizontal alignment of the graphic**	Left
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	48
Margin top text (layout)	5	**Margin right text (layout)**	5	**Margin bottom text (layout)**	5
Margin left graphic (layout)	5	**Margin top graphic (layout)**	5	**Margin right graphic (layout)**	5
Margin bottom graphic (layout)	5				
Text format					
Font	Tahoma, 12px	**Orientation**	Horizontal	**Horizontal alignment of the text**	Left
Vertical alignment of the text	Middle				

Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_3	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

Function list\ActivateScreen

Screen name	System information	**Object number**	0

HmiScreenItemData_4

Type	Button				
General					
Mode	Graphics and text	**Hotkey**	None	**Text OFF**	Different jobs
Text ON	Different jobs	**Text list**		**Graphic OFF**	Navigates to Different jobs for KTP700 Basic+ PN 16.0.0.0
Graphic ON	Navigates to Different jobs for KTP700 Basic+ PN 16.0.0.0	**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	207	**Y position**	146	**Width**	159
Height	47	**Fit graphic to size**	No stretching of graphic	**Horizontal alignment of the graphic**	Left
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	48
Margin top text (layout)	5	**Margin right text (layout)**	5	**Margin bottom text (layout)**	5
Margin left graphic (layout)	5	**Margin top graphic (layout)**	5	**Margin right graphic (layout)**	5
Margin bottom graphic (layout)	5				
Text format					
Font	Tahoma, 12px	**Orientation**	Horizontal	**Horizontal alignment of the text**	Left
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_4	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

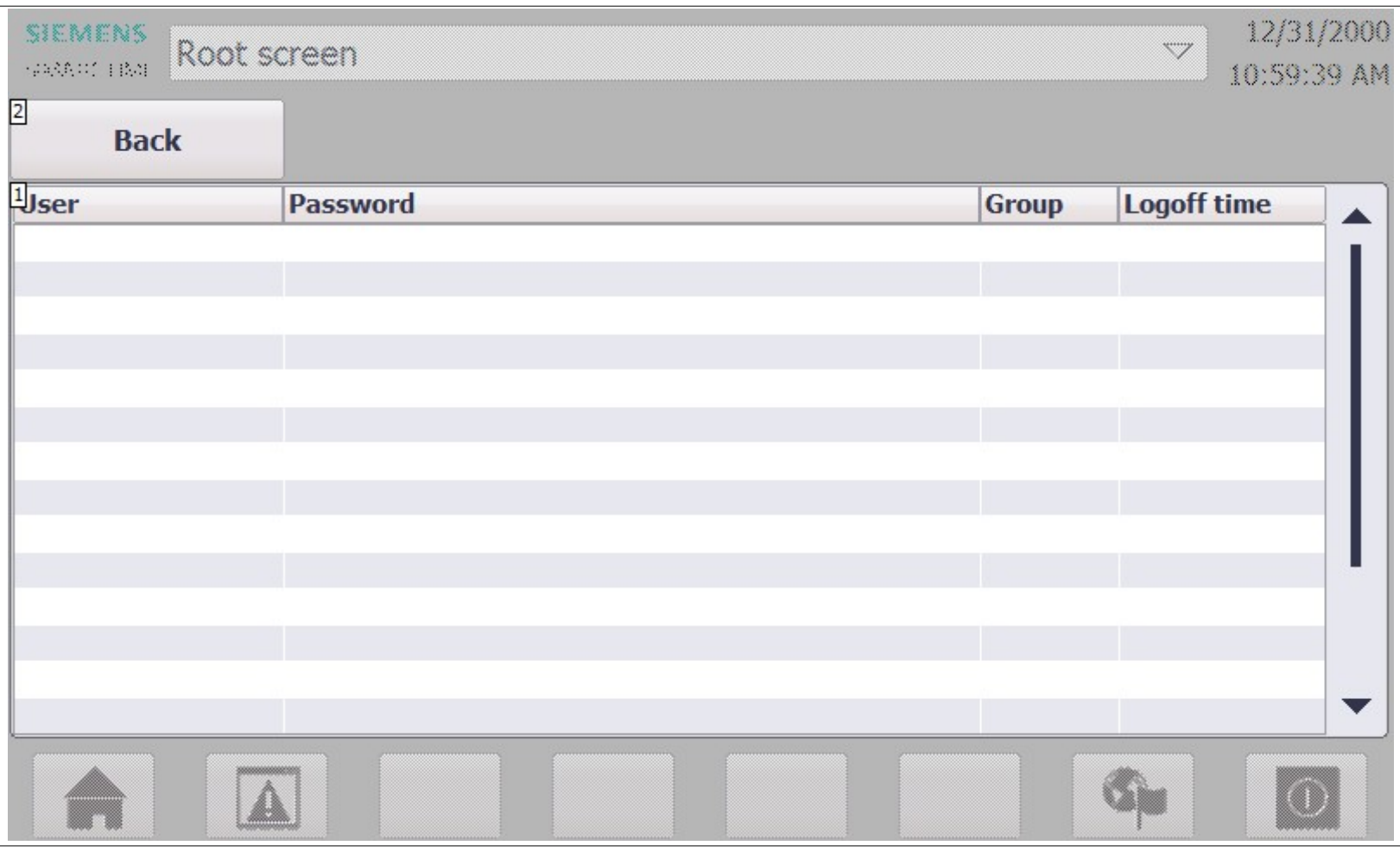
Function list\ActivateScreen

Screen name	Different jobs	**Object number**	0

ChemicalProcess / HMI_1 [KTP700 Basic PN] / Screens

User administration

Hardcopy of User administration



General					
Name	User administration	**Background color**	181, 182, 181	**Grid color**	0, 0, 0
Number	5	**Template**	Template_1	**Tooltip**	
Layers					
Active layer	0				

Layer_0	Enabled
Layer_1	Enabled
Layer_2	Enabled
Layer_3	Enabled
Layer_4	Enabled
Layer_5	Enabled
Layer_6	Enabled
Layer_7	Enabled
Layer_8	Enabled
Layer_9	Enabled
Layer_10	Enabled
Layer_11	Enabled
Layer_12	Enabled
Layer_13	Enabled
Layer_14	Enabled
Layer_15	Enabled
Layer_16	Enabled
Layer_17	Enabled
Layer_18	Enabled
Layer_19	Enabled
Layer_20	Enabled
Layer_21	Enabled
Layer_22	Enabled
Layer_23	Enabled
Layer_24	Enabled
Layer_25	Enabled
Layer_26	Enabled
Layer_27	Enabled
Layer_28	Enabled
Layer_29	Enabled
Layer_30	Enabled
Layer_31	Enabled

Dynamizations\Event	
Event name	Loaded

Function list\SetTag

Tag	Tag_ScreenNumber	**Value**	5

HmiScreenItemData

Type	User view

Appearance					
Table foreground color	49, 52, 74	**Background color of table**	255, 255, 255	**Alternative color**	231, 231, 239
Header foreground color	49, 52, 74	**Header background color**	239, 235, 239	**Foreground color of selection**	49, 52, 74
Background color of selection	148, 182, 231				
Border					
Width (border)	1	**Style (border)**	Solid	**Foreground color (border)**	99, 105, 115
Background color (border)	99, 105, 115	**Corner radius (border)**	4		
Layout					
X position	1	**Y position**	100	**Width**	796
Height	321	**Fit object to contents**	Disabled		
Columns					
User	156	**Password**	402	**Group**	80
Logoff time	120				
Display					
Background color	231, 223, 222	**Grid color**	255, 255, 255	**Number of visible items**	8
Display table grid	Enabled				
Table header border					
Width (table header border)	1	**Style (table header border)**	Solid	**Color (table header border)**	156, 154, 165
Background color (table header border)	156, 154, 165	**Corner radius (table header border)**	2		
Table header fill pattern					
Fill pattern (table header fill pattern)	Vertical gradient	**Background color gradient (table header fill pattern)**	239, 235, 239	**Gradient 1 (table header fill pattern)**	Enabled
Color gradient 1 (table header fill pattern)	247, 247, 247	**Offset gradient 1 (table header fill pattern)**	15	**Gradient 2 (table header fill pattern)**	Enabled
Color gradient 2 (table header fill pattern)	231, 223, 222	**Offset gradient 2 (table header fill pattern)**	15		
Text format					
Table font	Tahoma, 15px	**Table header font**	Tahoma, 15px, style=Bold		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData	**Layer**	0 - Layer_0		
Security					
Allow operator control	Enabled				

Back

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Back
Text ON	Back	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	1	**Y position**	52	**Width**	159
Height	47	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				

Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Back	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

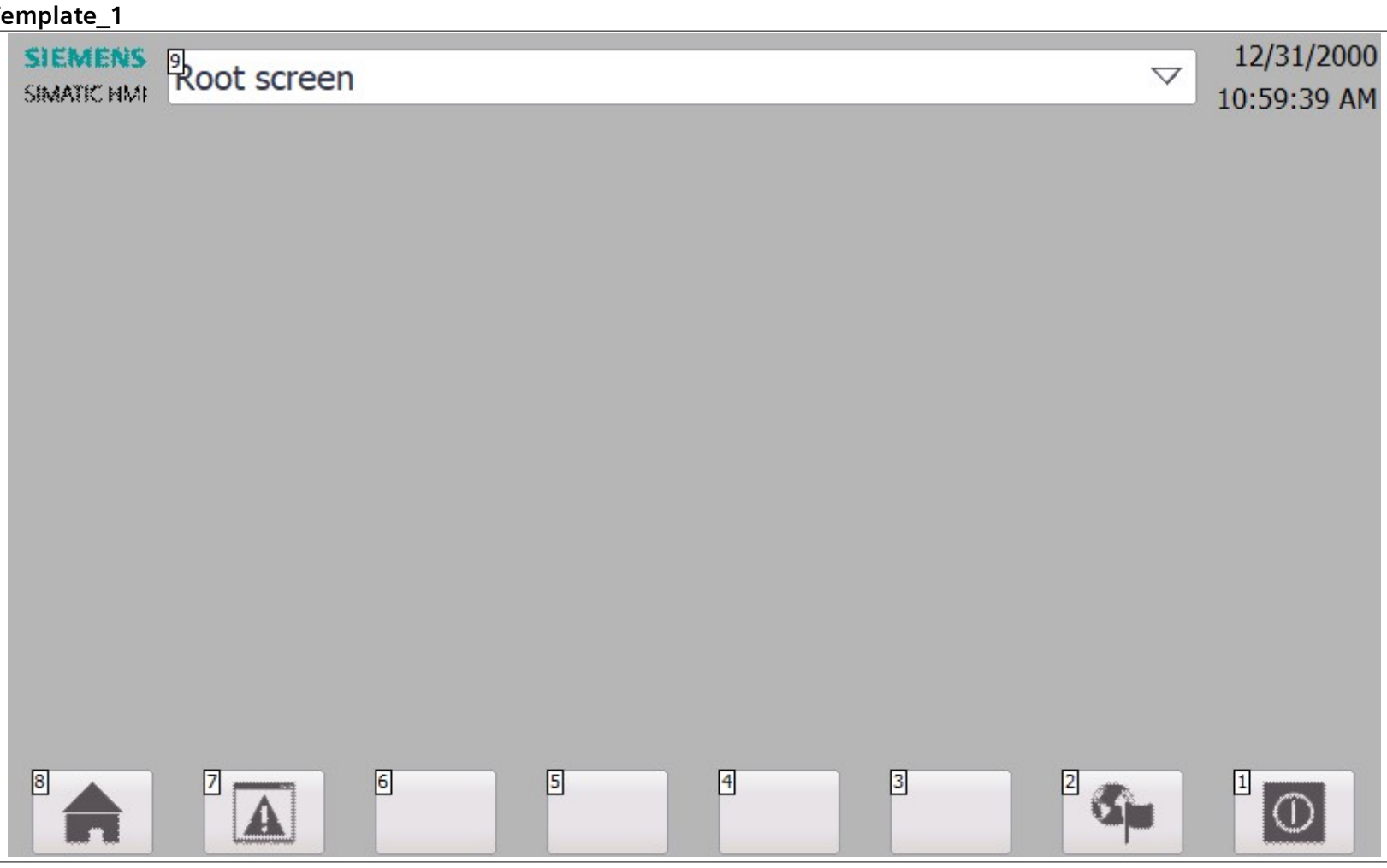
Function list\ActivateScreen

Screen name	System screens	**Object number**	0

ChemicalProcess / HMI_1 [KTP700 Basic PN] / Screen management / Templates

Template_1

Hardcopy of Template_1



General					
Name	Template_1	**Background color**	181, 182, 181	**Grid color**	0, 0, 0
Tab sequence in fore-ground	Enabled				
Layers					
Active layer	0				

Layer_0	Enabled
Layer_1	Enabled
Layer_2	Enabled
Layer_3	Enabled
Layer_4	Enabled
Layer_5	Enabled
Layer_6	Enabled
Layer_7	Enabled
Layer_8	Enabled
Layer_9	Enabled
Layer_10	Enabled
Layer_11	Enabled
Layer_12	Enabled
Layer_13	Enabled
Layer_14	Enabled
Layer_15	Enabled
Layer_16	Enabled
Layer_17	Enabled
Layer_18	Enabled
Layer_19	Enabled
Layer_20	Enabled
Layer_21	Enabled
Layer_22	Enabled
Layer_23	Enabled
Layer_24	Enabled
Layer_25	Enabled
Layer_26	Enabled
Layer_27	Enabled
Layer_28	Enabled
Layer_29	Enabled
Layer_30	Enabled
Layer_31	Enabled

Exit

Type	Button				
General					
Mode	Graphic	**Hotkey**	None	**Text OFF**	Exit
Text ON	Exit	**Text list**		**Graphic OFF**	ExitRuntime_KTP700_Basic_PN_TR
Graphic ON	ExitRuntime_KTP700_Basic_PN_TR	**Graphic list**		**Process value**	
Bit number	0				

Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	714	**Y position**	429	**Width**	71
Height	50	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Exit	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

Function list\StopRuntime

Mode	Runtime

Language

Type	Button				
General					
Mode	Graphic	**Hotkey**	None	**Text OFF**	Language
Text ON	Language	**Text list**		**Graphic OFF**	ToggleLanguage_KTP700_Basic_PN_TR
Graphic ON	ToggleLanguage_KTP700_Basic_PN_TR	**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	614	**Y position**	429	**Width**	71
Height	50	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				

Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Language	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

Function list\SetLanguage

Language	Toggle

Template_Button

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	
Text ON		**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	514	**Y position**	429	**Width**	71
Height	50	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Template_Button	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Template_Button_1

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	
Text ON		**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	414	**Y position**	429	**Width**	71

Height	50	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Template_Button_1	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Template_Button_2

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	
Text ON		**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	314	**Y position**	429	**Width**	71
Height	50	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Template_Button_2	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Template_Button_3

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	
Text ON		**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247

Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	214	**Y position**	429	**Width**	71
Height	50	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Template_Button_3	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Alarms

Type	Button				
General					
Mode	Graphic	**Hotkey**	None	**Text OFF**	Alarms
Text ON	Alarms	**Text list**		**Graphic OFF**	AlarmDisplay_KTP700_Basic_PN_TR
Graphic ON	AlarmDisplay_KTP700_Basic_PN_TR	**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	114	**Y position**	429	**Width**	71
Height	50	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Alarms	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

Function list\ShowAlarmWindow

Object name	Alarm window_Unacknowledged	**Display mode**	Toggle

Start screen

Type	Button

General					
Mode	Graphic	**Hotkey**	None	**Text OFF**	Start screen
Text ON	Start screen	**Text list**		**Graphic OFF**	NavigateHome_KTP700_Basic_PN_TR
Graphic ON	NavigateHome_KTP700_Basic_PN_TR	**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	14	**Y position**	429	**Width**	71
Height	50	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Start screen	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

Function list\ActivateScreen

Screen name	Root screen	**Object number**	0

Symbolic_IO_Field_Screen

Type	Symbolic I/O field				
General					
Process value	0	**Bit number**	0	**Mode**	Input/output
Value status ON	1	**Text OFF**	0	**Text ON**	1
Text list	TextList_ScreenNames	**Number of visible items**	3		
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Solid	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Design					
Foreground color of selection	255, 255, 255	**Background color of selection**	165, 207, 214	**Alternative color**	231, 231, 239
Layout					
X position	93	**Y position**	9	**Width**	600
Height	33	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Display selection list	Enabled	**Show selection field**	Enabled		
Text format					
Font	Tahoma, 20px	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle				
Limits					
Color for High limit violated	239, 89, 99	**Color for Low limit violated**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Symbolic_IO_Field_Screen	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Tag connection			
Property name	Process value	**Tag**	Tag_ScreenNumber

Dynamizations\Event	
Event name	Change

Function list\ActivateScreenByNumber

Screen number	Tag_ScreenNumber	**Object number**	0

HmiScreenItemData

Type	Date/time field				
General					
Display system time	Enabled	**Process value**		**Show date**	Disabled
Show time	Enabled	**Mode**	Output		
Appearance					
Foreground color	0, 0, 0	**Background color**	255, 255, 255	**Background fill pattern**	Transparent
Corner radius (border)	3	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	695	**Y position**	25	**Width**	105
Height	25	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px	**Orientation**	Horizontal	**Horizontal alignment**	Right
Vertical alignment	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

HmiScreenItemData_1

Type	Date/time field				
General					
Display system time	Enabled	**Process value**		**Show date**	Enabled
Show time	Disabled	**Mode**	Output		
Appearance					
Foreground color	0, 0, 0	**Background color**	255, 255, 255	**Background fill pattern**	Transparent
Corner radius (border)	3	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	695	**Y position**	0	**Width**	105
Height	25	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px	**Orientation**	Horizontal	**Horizontal alignment**	Right
Vertical alignment	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_1	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

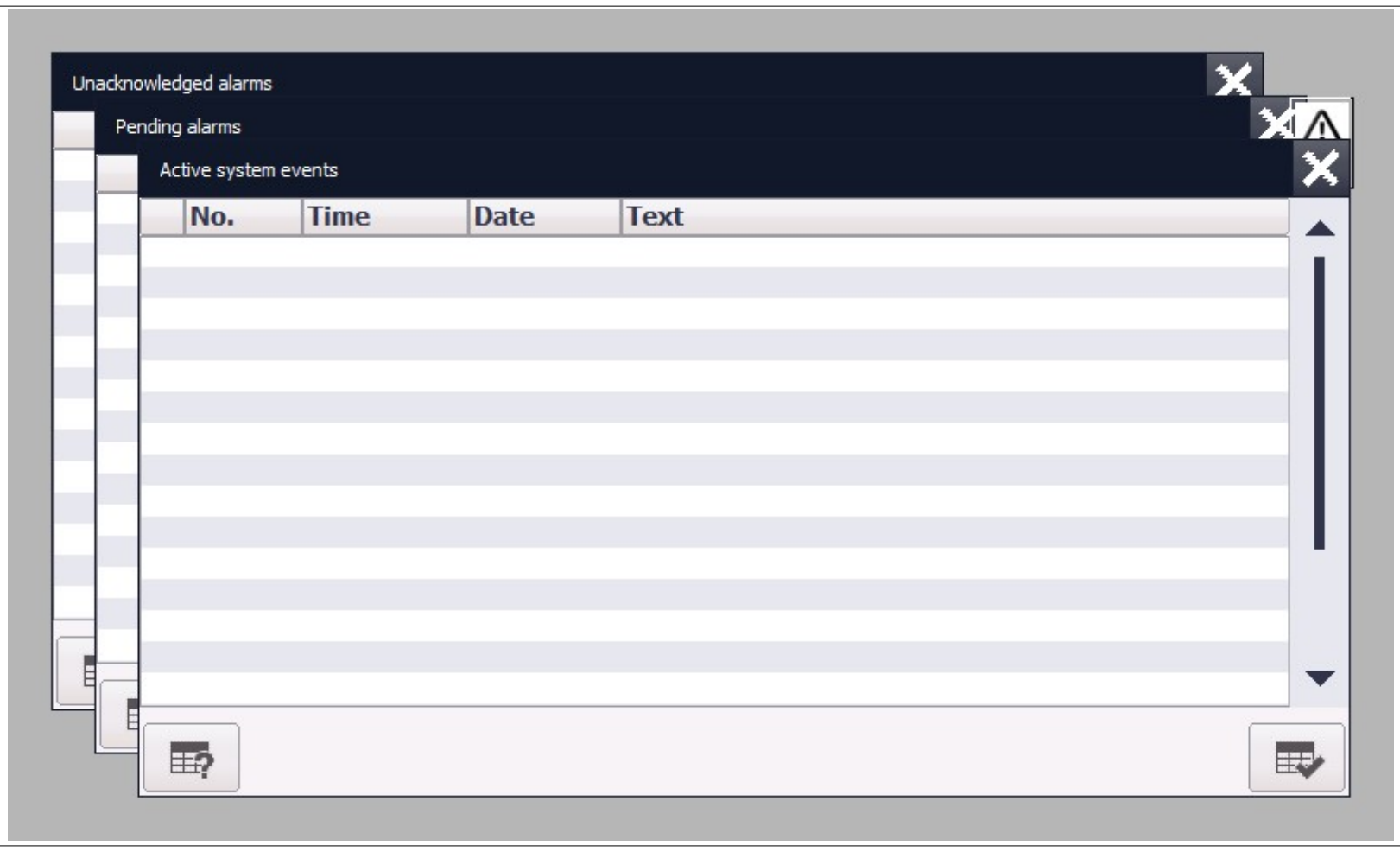
Logo

Type	Graphic view				
General					
Graphic	Logo of HMI_1				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Transparent	**Border width**	0
Line style	Solid	**Border color**	0, 0, 0		
Layout					
X position	0	**Y position**	0	**Width**	91
Height	51	**Fit embedded graphic object to screen size**	Fit graphic to object size	**Fit graphic to size**	Stretch graphic
Fit object to contents	Disabled				
Miscellaneous					
Name	Logo	**Layer**	0 - Layer_0		

ChemicalProcess / HMI_1 [KTP700 Basic PN] / Screen management

Global screen

Hardcopy of Global screen



General					
Name	Global screen	**Background color**	181, 182, 181	**Grid color**	0, 0, 0

Alarm window_Unacknowledged

Type	Alarm window				
General					
Alarm classes	Errors	**Source of alarms**	Alarms	**Pending alarms**	Disabled
Unacknowledged alarms	Enabled				
Appearance					
Background color of table	255, 255, 255	**Alternative color**	231, 231, 239	**Foreground color of table**	49, 52, 74
Foreground color of selection	255, 255, 255	**Background color of selection**	148, 182, 231	**Background color**	247, 243, 247
Focus color	148, 182, 231	**Header foreground color**	49, 52, 74	**Header background color**	239, 235, 239
Color of the grid lines	255, 255, 255				
Layout					
X position	25	**Y position**	25	**Width**	700
Height	380	**Fit object to contents**	Disabled	**Lines per alarms**	1
Visible alarms	1				
Window					
Display automatically	Enabled	**Modal dialog**	Disabled	**Enabled**	Enabled
Title	Unacknowledged alarms	**Close button**	Enabled		
Display					
Vertical scrolling	Enabled	**Horizontal scrolling**	Disabled	**Horizontal grid lines**	Disabled
Focus width	2				
Text format					
Table font	Tahoma, 15px	**Table header font**	Tahoma, 15px, style=Bold		
Toolbar					
"Info text" button	Enabled	**Acknowledge button**	Enabled	**Loop-In-Alarm button**	Disabled
Toolbar style	Buttons				
Button border					
Width (button border)	1	**Style (button border)**	Solid	**Foreground color (button border)**	156, 154, 165
Background color (button border)	156, 154, 165	**Corner radius (button border)**	3		
Button fill pattern					
Fill pattern (button fill pattern)	Vertical gradient	**Background color (button fill pattern)**	239, 235, 239	**Background color gradient (button fill pattern)**	239, 235, 239
Gradient 1 (button fill pattern)	Enabled	**Color gradient 1 (button fill pattern)**	247, 247, 247	**Offset gradient 1 (button fill pattern)**	15
Gradient 2 (button fill pattern)	Enabled	**Color gradient 2 (button fill pattern)**	231, 223, 222	**Offset gradient 2 (button fill pattern)**	15
Columns					
Columns	Alarm number, Time, Alarm text, Date, Alarm class	**Column headers**	Enabled	**Time in milliseconds**	Disabled
Time sorting order	Descending				

Column headers					
Alarm number	Default value	**Time**	Default value	**Alarm status**	Default value
Alarm text	Default value	**Alarm class**	Default value	**Date**	Default value
Acknowledgment group	Default value	**Diagnosable**	Default value	**PLC (error location)**	Default value
Table header border					
Width (table header border)	1	**Style (table header border)**	Solid	**Color (table header border)**	156, 154, 165
Background color (table header border)	156, 154, 165	**Corner radius (table header border)**	2		
Table header fill pattern					
Fill pattern (table header fill pattern)	Vertical gradient	**Background color gradient (table header fill pattern)**	239, 235, 239	**Gradient 1 (table header fill pattern)**	Enabled
Color gradient 1 (table header fill pattern)	247, 247, 247	**Offset gradient 1 (table header fill pattern)**	15	**Gradient 2 (table header fill pattern)**	Enabled
Color gradient 2 (table header fill pattern)	231, 223, 222	**Offset gradient 2 (table header fill pattern)**	15		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Alarm window_Unacknowledged				

Alarm window_Pending

Type	Alarm window				
General					
Alarm classes	Errors	**Source of alarms**	Alarms	**Pending alarms**	Enabled
Unacknowledged alarms	Disabled				
Appearance					
Background color of table	255, 255, 255	**Alternative color**	231, 231, 239	**Foreground color of table**	49, 52, 74
Foreground color of selection	255, 255, 255	**Background color of selection**	148, 182, 231	**Background color**	247, 243, 247
Focus color	148, 182, 231	**Header foreground color**	49, 52, 74	**Header background color**	239, 235, 239
Color of the grid lines	255, 255, 255				
Layout					
X position	50	**Y position**	50	**Width**	700
Height	380	**Fit object to contents**	Disabled	**Lines per alarms**	1
Visible alarms	1				
Window					
Display automatically	Enabled	**Modal dialog**	Disabled	**Enabled**	Enabled
Title	Pending alarms	**Close button**	Enabled		
Display					
Vertical scrolling	Enabled	**Horizontal scrolling**	Disabled	**Horizontal grid lines**	Disabled
Focus width	2				
Text format					
Table font	Tahoma, 15px	**Table header font**	Tahoma, 15px, style=Bold		
Toolbar					
"Info text" button	Enabled	**Acknowledge button**	Enabled	**Loop-In-Alarm button**	Disabled
Toolbar style	Buttons				
Button border					
Width (button border)	1	**Style (button border)**	Solid	**Foreground color (button border)**	156, 154, 165
Background color (button border)	156, 154, 165	**Corner radius (button border)**	3		
Button fill pattern					
Fill pattern (button fill pattern)	Vertical gradient	**Background color (button fill pattern)**	239, 235, 239	**Background color gradient (button fill pattern)**	239, 235, 239
Gradient 1 (button fill pattern)	Enabled	**Color gradient 1 (button fill pattern)**	247, 247, 247	**Offset gradient 1 (button fill pattern)**	15
Gradient 2 (button fill pattern)	Enabled	**Color gradient 2 (button fill pattern)**	231, 223, 222	**Offset gradient 2 (button fill pattern)**	15
Columns					
Columns	Alarm number, Time, Alarm text, Date, Alarm class	**Column headers**	Enabled	**Time in milliseconds**	Disabled
Time sorting order	Descending				
Column headers					
Alarm number	Default value	**Time**	Default value	**Alarm status**	Default value
Alarm text	Default value	**Alarm class**	Default value	**Date**	Default value
Acknowledgment group	Default value	**Diagnosable**	Default value	**PLC (error location)**	Default value
Table header border					
Width (table header border)	1	**Style (table header border)**	Solid	**Color (table header border)**	156, 154, 165
Background color (table header border)	156, 154, 165	**Corner radius (table header border)**	2		
Table header fill pattern					
Fill pattern (table header fill pattern)	Vertical gradient	**Background color gradient (table header fill pattern)**	239, 235, 239	**Gradient 1 (table header fill pattern)**	Enabled
Color gradient 1 (table header fill pattern)	247, 247, 247	**Offset gradient 1 (table header fill pattern)**	15	**Gradient 2 (table header fill pattern)**	Enabled

Color gradient 2 (table header fill pattern)	231, 223, 222	**Offset gradient 2 (table header fill pattern)**	15
Styles/Designs			
Use style/design	Disabled	**Style item appearance**	
Miscellaneous			
Name	Alarm window_Pending		

Alarm indicator

Type	Alarm indicator		
Layout			
X position	740	**Y position**	51
General			
Display alarm classes	Acknowledged : Errors Pending : Errors		

Dynamizations\Event	
Event name	Click

Function list\ShowAlarmWindow

Object name	Alarm window_Pending	**Display mode**	Toggle

Dynamizations\Event	
Event name	Click when flashing

Function list\ShowAlarmWindow

Object name	Alarm window_Pending	**Display mode**	Toggle

System events

Type	Alarm window				
General					
Alarm classes	System	**Source of alarms**	Alarms	**Pending alarms**	Enabled
Unacknowledged alarms	Disabled				
Appearance					
Background color of table	255, 255, 255	**Alternative color**	231, 231, 239	**Foreground color of table**	49, 52, 74
Foreground color of selection	255, 255, 255	**Background color of selection**	148, 182, 231	**Background color**	247, 243, 247
Focus color	148, 182, 231	**Header foreground color**	49, 52, 74	**Header background color**	239, 235, 239
Color of the grid lines	255, 255, 255				
Layout					
X position	75	**Y position**	75	**Width**	700
Height	380	**Fit object to contents**	Disabled	**Lines per alarms**	1
Visible alarms	1				
Window					
Display automatically	Enabled	**Modal dialog**	Disabled	**Enabled**	Enabled
Title	Active system events	**Close button**	Enabled		
Display					
Vertical scrolling	Enabled	**Horizontal scrolling**	Disabled	**Horizontal grid lines**	Disabled
Focus width	2				
Text format					
Table font	Tahoma, 15px	**Table header font**	Tahoma, 15px, style=Bold		
Toolbar					
"Info text" button	Enabled	**Acknowledge button**	Enabled	**Loop-In-Alarm button**	Disabled
Toolbar style	Buttons				
Button border					
Width (button border)	1	**Style (button border)**	Solid	**Foreground color (button border)**	156, 154, 165
Background color (button border)	156, 154, 165	**Corner radius (button border)**	3		
Button fill pattern					
Fill pattern (button fill pattern)	Vertical gradient	**Background color (button fill pattern)**	239, 235, 239	**Background color gradient (button fill pattern)**	239, 235, 239
Gradient 1 (button fill pattern)	Enabled	**Color gradient 1 (button fill pattern)**	247, 247, 247	**Offset gradient 1 (button fill pattern)**	15
Gradient 2 (button fill pattern)	Enabled	**Color gradient 2 (button fill pattern)**	231, 223, 222	**Offset gradient 2 (button fill pattern)**	15
Columns					
Columns	Alarm number, Time, Alarm text, Date, Alarm class	**Column headers**	Enabled	**Time in milliseconds**	Disabled
Time sorting order	Descending				
Column headers					
Alarm number	Default value	**Time**	Default value	**Alarm status**	Default value
Alarm text	Default value	**Alarm class**	Default value	**Date**	Default value
Acknowledgment group	Default value	**Diagnosable**	Default value	**PLC (error location)**	Default value
Table header border					
Width (table header border)	1	**Style (table header border)**	Solid	**Color (table header border)**	156, 154, 165
Background color (table header border)	156, 154, 165	**Corner radius (table header border)**	2		

Table header fill pattern					
Fill pattern (table header fill pattern)	Vertical gradient	**Background color gradient (table header fill pattern)**	239, 235, 239	**Gradient 1 (table header fill pattern)**	Enabled
Color gradient 1 (table header fill pattern)	247, 247, 247	**Offset gradient 1 (table header fill pattern)**	15	**Gradient 2 (table header fill pattern)**	Enabled
Color gradient 2 (table header fill pattern)	231, 223, 222	**Offset gradient 2 (table header fill pattern)**	15		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	System events				

ChemicalProcess / HMI_1 [KTP700 Basic PN] / HMI tags

Default tag table [17]

Tag_ScreenNumber

General					
Name	Tag_ScreenNumber	**Connection**	<Internal tag>	**Data type**	UInt
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**PLC tag**		**Coding**	Binary
PLC name					
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

WT-512

General					
Name	WT-512	**Connection**	HMI_Connection_1	**Data type**	Int
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

WT-512

GSV-510

General					
Name	GSV-510	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

GSV-510

GSV-511

General					
Name	GSV-511	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0

HMI device value range end value	100	**HMI device value range start value**	0
Values			
ID tag		**Start value**	
Comment			
Comment		**Source comment**	
Multiplexing			
Multiplexing	Disabled	**Index tag**	

GSV-511

GSV-514

General					
Name	GSV-514	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

GSV-514

GSV-519

General					
Name	GSV-519	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

GSV-519

GSV-521

General					
Name	GSV-521	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

GSV-521

M001.ST

General					
Name	M001.ST	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1

Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

M001.ST

M002.ST

General					
Name	M002.ST	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

M002.ST

M003.ST

General					
Name	M003.ST	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

M003.ST

TT-518

General					
Name	TT-518	**Connection**	HMI_Connection_1	**Data type**	Int
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

TT-518

TT-517

General					
Name	TT-517	**Connection**	HMI_Connection_1	**Data type**	Int
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

TT-517

LT-515

General					
Name	LT-515	**Connection**	HMI_Connection_1	**Data type**	Int
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

LT-515

LS-513

General					
Name	LS-513	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

LS-513

M001.R

General					
Name	M001.R	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		

Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

M001.R

M002.R

General					
Name	M002.R	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

M002.R

M003.R

General					
Name	M003.R	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

M003.R

ChemicalProcess / HMI_1 [KTP700 Basic PN]

Connections

HMI_Connection_1

Name	HMI_Connection_1	**Communication driver**	SIMATIC S7 1500	**Comment**	
Online	Enabled	**Station**	S71500/ET200MP station_1	**Partner**	PLC_1
Node	CPU 1511-1 PN, PROFINET interface (R0/S1)	**HMI time synchronization mode**	None		

Parameter

HMI device					
Interface	PROFINET (X1)	**Address**	192.168.0.2	**Access point**	S7ONLINE
PLC					
Address	192.168.0.1				

ChemicalProcess / HMI_1 [KTP700 Basic PN] / HMI alarms

Discrete alarms

This folder is empty.

ChemicalProcess / HMI_1 [KTP700 Basic PN] / HMI alarms

Analog alarms

This folder is empty.

ChemicalProcess / HMI_1 [KTP700 Basic PN] / HMI alarms

Alarm groups

Alarm_group_1

General			
Name	Alarm_group_1	**ID**	1

Alarm_group_10

General			
Name	Alarm_group_10	**ID**	10

Alarm_group_11

General			
Name	Alarm_group_11	**ID**	11

Alarm_group_12

General			
Name	Alarm_group_12	**ID**	12

Alarm_group_13

General			
Name	Alarm_group_13	**ID**	13

Alarm_group_14

General			
Name	Alarm_group_14	**ID**	14

Alarm_group_15

General			
Name	Alarm_group_15	**ID**	15

Alarm_group_16

General			
Name	Alarm_group_16	**ID**	16

Alarm_group_2

General			
Name	Alarm_group_2	**ID**	2

Alarm_group_3

General			
Name	Alarm_group_3	**ID**	3

Alarm_group_4

General			
Name	Alarm_group_4	**ID**	4

Alarm_group_5

General			
Name	Alarm_group_5	**ID**	5

Alarm_group_6

General			
Name	Alarm_group_6	**ID**	6

Alarm_group_7

General			
Name	Alarm_group_7	**ID**	7

Alarm_group_8

General			
Name	Alarm_group_8	**ID**	8

Alarm_group_9

General			
Name	Alarm_group_9	**ID**	9

ChemicalProcess / HMI_1 [KTP700 Basic PN] / HMI alarms

Alarm classes

Acknowledgement

General					
Name	Acknowledgement	**Display name**	A	**ID**	33
Common alarm class	Acknowledgement	**Alarm log**	<No log>		
Acknowledgment					
State machine	Alarm with single-mode acknowledgment				
State texts					
Text for "Incoming"	I	**Text for "Outgoing"**	O	**Text for "Acknowledged"**	A
Colors					
Background "Incoming/Acknowledged"	255, 255, 255	**Background "Incoming"**	255, 0, 0	**Background "Incoming/Outgoing/Acknowledged"**	255, 255, 255
Background "Incoming/Outgoing"	255, 0, 0				

Errors

General					
Name	Errors	**Display name**	!	**ID**	1
Common alarm class	<No alarm class>	**Alarm log**	<No log>		
Acknowledgment					
State machine	Alarm with single-mode acknowledgment				
State texts					
Text for "Incoming"	I	**Text for "Outgoing"**	O	**Text for "Acknowledged"**	A
Colors					
Background "Incoming/Acknowledged"	255, 255, 255	**Background "Incoming"**	255, 0, 0	**Background "Incoming/Outgoing/Acknowledged"**	255, 255, 255
Background "Incoming/Outgoing"	255, 0, 0				

No Acknowledgement

General					
Name	No Acknowledgement	**Display name**	NA	**ID**	34
Common alarm class	No Acknowledgement	**Alarm log**	<No log>		
Acknowledgment					
State machine	Alarm without acknowledgment				
State texts					
Text for "Incoming"	I	**Text for "Outgoing"**	O	**Text for "Acknowledged"**	A
Colors					
Background "Incoming/Acknowledged"	255, 255, 255	**Background "Incoming"**	255, 0, 0	**Background "Incoming/Outgoing/Acknowledged"**	255, 255, 255
Background "Incoming/Outgoing"	255, 0, 0				

System

General					
Name	System	**Display name**	$	**ID**	3
Common alarm class	<No alarm class>	**Alarm log**	<No log>		
Acknowledgment					
State machine	Alarm without acknowledgment				
State texts					
Text for "Incoming"	I	**Text for "Outgoing"**	O	**Text for "Acknowledged"**	A
Colors					
Background "Incoming/Acknowledged"	255, 255, 255	**Background "Incoming"**	255, 255, 255	**Background "Incoming/Outgoing/Acknowledged"**	255, 255, 255
Background "Incoming/Outgoing"	255, 255, 255				

Warnings

General					
Name	Warnings	**Display name**		**ID**	2
Common alarm class	<No alarm class>	**Alarm log**	<No log>		
Acknowledgment					
State machine	Alarm without acknowledgment				
State texts					
Text for "Incoming"	I	**Text for "Outgoing"**	O	**Text for "Acknowledged"**	A
Colors					
Background "Incoming/Acknowledged"	255, 255, 255	**Background "Incoming"**	255, 255, 255	**Background "Incoming/Outgoing/Acknowledged"**	255, 255, 255

Background "Incoming/Outgoing"	255, 255, 255

ChemicalProcess / HMI_1 [KTP700 Basic PN] / HMI alarms

System events

This folder is empty.

ChemicalProcess / HMI_1 [KTP700 Basic PN]

Recipes

This folder is empty.

ChemicalProcess / HMI_1 [KTP700 Basic PN] / Historical data

Datalogs

This folder is empty.

ChemicalProcess / HMI_1 [KTP700 Basic PN] / Historical data

AlarmLogs

This folder is empty.

ChemicalProcess / HMI_1 [KTP700 Basic PN]

Scheduled tasks

This folder is empty.

ChemicalProcess / HMI_1 [KTP700 Basic PN] / Text and graphic lists

Text lists

TextList_OriginalScreenNames

Name	TextList_OriginalScreenNames	List range	Value/Range	Comment	

Value: 1

Entry type	Single value	Text	Root screen

Value: 2

Entry type	Single value	Text	System screens

Value: 3

Entry type	Single value	Text	SIMATIC PLC system diagnostics

Value: 4

Entry type	Single value	Text	Project information

Value: 5

Entry type	Single value	Text	User administration

Value: 6

Entry type	Single value	Text	System information

Value: 7

Entry type	Single value	Text	Different jobs

TextList_ScreenNames

Name	TextList_ScreenNames	List range	Value/Range	Comment	

Value: 1

Entry type	Single value	Text	Root screen

Value: 2

Entry type	Single value	Text	System screens

Value: 3

Entry type	Single value	Text	SIMATIC PLC system diagnostics

Value: 4

Entry type	Single value	Text	Project information

Value: 5

Entry type	Single value	Text	User administration

Value: 6

Entry type	Single value	Text	System information

Value: 7

Entry type	Single value	Text	Different jobs

ChemicalProcess / HMI_1 [KTP700 Basic PN] / Text and graphic lists

Graphic lists

This folder is empty.

ChemicalProcess / HMI_1 [KTP700 Basic PN] / User administration

User

Administrator

General			
Name	Administrator	**Number**	1
Automatic logoff			
Automatic logoff	Enabled	**Logoff time**	5
Comment			
Comment	The user 'Administrator' is assigned to the 'Administrator' group.		
Groups			
Groups	Administrator group;		

ChemicalProcess / HMI_1 [KTP700 Basic PN] / User administration

Groups

Administrator group

General					
Name	Administrator group	**Display name**	Administrator group	**Number**	1
Password aging	Disabled				
Comment					
Comment	The 'Administrator' group is initially granted all rights.				
Authorizations					
Authorizations	User administration; Monitor; Operate;				

Users

General					
Name	Users	**Display name**	Users	**Number**	2
Password aging	Disabled				
Comment					
Comment	The 'Users' group is initially granted 'Operating' rights.				
Authorizations					
Authorizations	Operate;				

ChemicalProcess / HMI_1 [KTP700 Basic PN] / User administration

Authorizations

Monitor

General					
Name	Monitor	**Authorization**	Monitor	**Authorization number**	2
Comment					
Comment	'Monitor' authorization.				

Operate

General					
Name	Operate	**Authorization**	Operate	**Authorization number**	3
Comment					
Comment	'Operate' authorization.				

User administration

General					
Name	User administration	**Authorization**	User administration	**Authorization number**	1
Comment					
Comment	Authorization 'User administration' for managing users in the user view in Runtime.				

ChemicalProcess

Ungrouped devices

This folder is empty.

ChemicalProcess

Security settings

This folder is empty.

ChemicalProcess / Cross-device functions / Project traces

Measurements

This folder is empty.

ChemicalProcess / Common data

Alarm classes

Alarm classes			
Name	**Display name**	**Acknowledgment**	**Priority**
Acknowledgement	A	True	0
No Acknowledgement	NA	False	0

ChemicalProcess / Common data

Logs

This folder is empty.

ChemicalProcess / Common data

Styles

This folder is empty.

ChemicalProcess / Languages & resources

Project languages

Languages
Reference language
English (United States)

Editing language
English (United States)

Other project languages
Empty

ChemicalProcess / Languages & resources / Project texts

Project texts

Project texts		
English (United States)	Category	Reference
	Multilingual text category	Subcategory 1\Description
	Multilingual text category	Subcategory 2\Description
	Multilingual text category	Subcategory 3\Description
	Multilingual text category	Subcategory 4\Description
	Multilingual text category	Subcategory 5\Description
	Multilingual text category	Subcategory 6\Description
	Multilingual text category	Subcategory 7\Description
	Multilingual text category	Subcategory 8\Description
	Multilingual text category	Subcategory 9\Description
	Multilingual text category	Subcategory 10\Description
	Multilingual text category	Subcategory 11\Description
	Multilingual text category	Subcategory 12\Description
	Multilingual text category	Subcategory 13\Description
	Multilingual text category	Subcategory 14\Description
	Multilingual text category	Subcategory 15\Description
	Multilingual text category	Subcategory 16\Description
	Multilingual text category	Subcategory 1\Description
	Multilingual text category	Subcategory 2\Description
	Multilingual text category	Subcategory 3\Description
	Multilingual text category	Subcategory 4\Description
	Multilingual text category	Subcategory 5\Description
	Multilingual text category	Subcategory 6\Description
	Multilingual text category	Subcategory 7\Description
	Multilingual text category	Subcategory 8\Description
	Multilingual text category	Subcategory 9\Description
	Multilingual text category	Subcategory 10\Description
	Multilingual text category	Subcategory 11\Description
	Multilingual text category	Subcategory 12\Description
	Multilingual text category	Subcategory 13\Description
	Multilingual text category	Subcategory 14\Description
	Multilingual text category	Subcategory 15\Description
	Multilingual text category	Subcategory 16\Description
	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Sequence \Step\Actions\Comment
	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 8\Comment
	Alarm class text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Errors\alarmclass name not set\Short-Name
	Alarm class text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Warnings\alarmclass name not set_1\ShortName
	Alarm class text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\System\alarmclass name not set_2\ShortName
	Alarm class text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Diagnosis events\alarmclass name not set_3\ShortName
	Alarm class text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Safety warnings\alarmclass name not set_4\ShortName
	Alarm class text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Acknowledgement\\ShortName
	Alarm class text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\No Acknowledgement\\ShortName
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 1\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 1\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 2\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 2\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 3\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 3\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 4\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 4\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 5\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 5\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 6\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 6\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 7\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 7\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 8\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 8\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 9\Text

English (United States)	Category	Reference
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 9\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 10\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 10\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 11\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 11\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 12\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 12\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 13\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 13\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 14\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 14\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 15\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 15\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 16\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 16\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 17\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 17\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Range 18\Text
	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Range 18\Text
	Other text category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Comment
	Other text category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Comment
	Other text category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Comment
	Other text category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Comment
	Other text category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Step-Names639139229409982114_1\Comment
	Other text category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_SupervisionAlarm-Texts639139229410057278_1\Comment
	Other text category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_InterlockAlarm-Texts639139229410127278_1\Comment
	Other text category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Transition-Names639139229410197280_1\Comment
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\IL_ALARM_INST\Info text
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\IL_ALARM_INST\Additional text 1
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\IL_ALARM_INST\Additional text 2
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\IL_ALARM_INST\Additional text 3
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\IL_ALARM_INST\Additional text 4
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\IL_ALARM_INST\Additional text 5
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\IL_ALARM_INST\Additional text 6
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\IL_ALARM_INST\Additional text 7
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\IL_ALARM_INST\Additional text 8
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\IL_ALARM_INST\Additional text 9
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\SUP_ALARM_INST\Info text
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\SUP_ALARM_INST\Additional text 1
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\SUP_ALARM_INST\Additional text 2
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\SUP_ALARM_INST\Additional text 3
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\SUP_ALARM_INST\Additional text 4
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\SUP_ALARM_INST\Additional text 5
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\SUP_ALARM_INST\Additional text 6
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\SUP_ALARM_INST\Additional text 7
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\SUP_ALARM_INST\Additional text 8
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\SUP_ALARM_INST\Additional text 9

English (United States)	Category	Reference
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\STEP_TIME_ALARM_INST\Info text
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\STEP_TIME_ALARM_INST\Additional text 1
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\STEP_TIME_ALARM_INST\Additional text 2
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\STEP_TIME_ALARM_INST\Additional text 3
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\STEP_TIME_ALARM_INST\Additional text 4
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\STEP_TIME_ALARM_INST\Additional text 5
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\STEP_TIME_ALARM_INST\Additional text 6
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\STEP_TIME_ALARM_INST\Additional text 7
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\STEP_TIME_ALARM_INST\Additional text 8
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\STEP_TIME_ALARM_INST\Additional text 9
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\IL_ALARM_INST\Info text
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\IL_ALARM_INST\Additional text 1
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\IL_ALARM_INST\Additional text 2
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\IL_ALARM_INST\Additional text 3
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\IL_ALARM_INST\Additional text 4
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\IL_ALARM_INST\Additional text 5
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\IL_ALARM_INST\Additional text 6
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\IL_ALARM_INST\Additional text 7
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\IL_ALARM_INST\Additional text 8
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\IL_ALARM_INST\Additional text 9
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\SUP_ALARM_INST\Info text
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\SUP_ALARM_INST\Additional text 1
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\SUP_ALARM_INST\Additional text 2
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\SUP_ALARM_INST\Additional text 3
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\SUP_ALARM_INST\Additional text 4
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\SUP_ALARM_INST\Additional text 5
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\SUP_ALARM_INST\Additional text 6
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\SUP_ALARM_INST\Additional text 7
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\SUP_ALARM_INST\Additional text 8
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\SUP_ALARM_INST\Additional text 9
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\STEP_TIME_ALARM_INST\Info text
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\STEP_TIME_ALARM_INST\Additional text 1
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\STEP_TIME_ALARM_INST\Additional text 2
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\STEP_TIME_ALARM_INST\Additional text 3
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\STEP_TIME_ALARM_INST\Additional text 4
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\STEP_TIME_ALARM_INST\Additional text 5
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\STEP_TIME_ALARM_INST\Additional text 6
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\STEP_TIME_ALARM_INST\Additional text 7
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\STEP_TIME_ALARM_INST\Additional text 8
	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\STEP_TIME_ALARM_INST\Additional text 9
	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Warnings\alarmclass name not set_1\AlarmClassData_IDisplayNaming_DisplayName
	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Acknowledgement\\AlarmClassDa-ta_IDisplayNaming_DisplayName
	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\No Acknowledgement\\AlarmClassDa-ta_IDisplayNaming_DisplayName
	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button\Text OFF
	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Tem-plate_Button\Text ON

English (United States)	Category	Reference
	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Template_Button_1\Text OFF
	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Template_Button_1\Text ON
	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Template_Button_2\Text OFF
	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Template_Button_2\Text ON
	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Template_Button_3\Text OFF
	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Template_Button_3\Text ON
	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Text field_3\Text
	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Text field_5\Text
--	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 0\Text
--	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 0\Text
!	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Errors\alarmclass name not set\AlarmClassData_IDisplayNaming_DisplayName
!!	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Safety warnings\alarmclass name not set_4\AlarmClassData_IDisplayNaming_DisplayName
"Main Program Sweep (Cycle)"	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Block title
$	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\System\alarmclass name not set_2\AlarmClassData_IDisplayNaming_DisplayName
(not configured)	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Project information\HmiScreenItemData_7\Text
@2%t#SYSTEM_Global_ProDiag_SupervisionCategories@ : @2%t#SYSTEM_Global_ProDiag_SupervisionTypes@ : $$CpuName$$: ProcessSequence : @1%t#SYSTEM_StepNames639139229409982114_1@ : S@1%03d@ : @1%t#SYSTEM_InterlockAlarmTexts639139229410127278_1@	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\IL_ALARM_INST\Alarm text
@2%t#SYSTEM_Global_ProDiag_SupervisionCategories@ : @2%t#SYSTEM_Global_ProDiag_SupervisionTypes@ : $$CpuName$$: ProcessSequence : @1%t#SYSTEM_StepNames639139229409982114_1@ : S@1%03d@ : @1%t#SYSTEM_SupervisionAlarmTexts639139229410057278_1@	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\SUP_ALARM_INST\Alarm text
@2%t#SYSTEM_Global_ProDiag_SupervisionCategories@ : @2%t#SYSTEM_Global_ProDiag_SupervisionTypes@ : $$CpuName$$: ProcessSequence : @1%t#SYSTEM_StepNames639139229409982114_1@ : S@1%03d@ : @1%t#SYSTEM_SupervisionAlarmTexts639139229410057278_1@	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence_DB [DB3]\STEP_TIME_ALARM_INST\Alarm text
Project information	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System screens\HmiScreenItemData_1\Text OFF
Project information	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System screens\HmiScreenItemData_1\Text ON
SIMATIC PLC system diagnos...	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System screens\HmiScreenItemData\Text OFF
SIMATIC PLC system diagnos...	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System screens\HmiScreenItemData\Text ON
System information	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System screens\HmiScreenItemData_3\Text OFF
System information	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System screens\HmiScreenItemData_3\Text ON
User administration	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System screens\HmiScreenItemData_2\Text OFF
User administration	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System screens\HmiScreenItemData_2\Text ON
0	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Symbolic_IO_Field_Screen\Text OFF
1	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Symbolic_IO_Field_Screen\Text ON
1200-1800KG in wight sensor = 600Kg of Powder	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Sequence\Step\Actions\Comment
1Litre = 1Kg, 0-600Kg in Weight sensor is 600litres of Water For forcing value of sensors converts kg value to Siemens analog raw value (0...27648). For 200KG = 2765	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Sequence\Step\Actions\Comment
5/25/2021 10:32:50 AM	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Project information\HmiScreenItemData_3\Text
600Kg to 1200kg in weight sensor is 600Kg of NaOH.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Sequence\Step\Actions\Comment
A	Alarm class text	ChemicalProcess\Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName
A	Alarm class text	ChemicalProcess\Acknowledgement\ShortName
A	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Errors\AcknowledgedText
A	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Warnings\AcknowledgedText
A	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\System\AcknowledgedText
A	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Diagnosis events\AcknowledgedText
A	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Safety warnings\AcknowledgedText
A	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Acknowledgement\AcknowledgedText
A	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\No Acknowledgement\AcknowledgedText
Acknowledge all errors and faults	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\ACK_EF
Action	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 104\Text
Action	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 204\Text
Action	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 304\Text
Action	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 404\Text

English (United States)	Category	Reference
Action	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 504\Text
Action	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 604\Text
Action	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 704\Text
Action	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 804\Text
Activates remote authorization for the use of client-server scenarios.	HMI comment	ChemicalProcess\HMI_1 [KTP700 Basic PN]\User administration\Enable remote control\Comment
Active system events	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Global screen\System events\Label
Administrator group	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\User administration\Administrator group\DisplayName
Alarms	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Alarms\Text OFF
Alarms	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Alarms\Text ON
Author:	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Project information\HmiScreenItemData_4\Text
Authorization 'User administration' for managing users in the user view in Runtime.	HMI comment	ChemicalProcess\HMI_1 [KTP700 Basic PN]\User administration\User administration\Comment
Automode	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 2\Title
Automode makes sytem run automatically until pressed stop.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Auto
Back	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System screens\Back\Text OFF
Back	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System screens\Back\Text ON
Back	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\SIMATIC PLC system diagnostics\Back\Text OFF
Back	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\SIMATIC PLC system diagnostics\Back\Text ON
Back	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Project information\Back\Text OFF
Back	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Project information\Back\Text ON
Back	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\User administration\Back\Text OFF
Back	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\User administration\Back\Text ON
Back	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System information\Back\Text OFF
Back	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System information\Back\Text ON
Back	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Different jobs\Back\Text OFF
Back	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Different jobs\Back\Text ON
Basci scale block	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\FC_Scale [FC2]\Network 1\Comment
Basic FC to FB call.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\SensorScaling [FB3]\Network 1\Comment
Calls motor FB instances and maps sequence/ manual commands to physical motor outputs.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 10\Comment
Calls valve FB instances and maps sequence/ manual commands to physical valve outputs.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 9\Comment
Category : Supervision type : PLC name : FB name : Step name : Step number : Step specific field	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\IL_ALARM_INST\Alarm text
Category : Supervision type : PLC name : FB name : Step name : Step number : Step specific field	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\SUP_ALARM_INST\Alarm text
Category : Supervision type : PLC name : FB name : Step name : Step number : Step specific field	Formatted alarm text	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\STEP_TIME_ALARM_INST\Alarm text
Category 4	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 401\Text
Category 4	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 402\Text
Category 4	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 403\Text
Category 4	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 404\Text
Category 4	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 405\Text
Category 4	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 406\Text
Category 4	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 407\Text
Category 4	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 408\Text
Category 4	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 409\Text
Category 4	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 410\Text
Category 5	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 501\Text
Category 5	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 502\Text
Category 5	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 503\Text
Category 5	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 504\Text
Category 5	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 505\Text
Category 5	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 506\Text
Category 5	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 507\Text
Category 5	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 508\Text
Category 5	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 509\Text
Category 5	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 510\Text
Category 6	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 601\Text
Category 6	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 602\Text
Category 6	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 603\Text
Category 6	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 604\Text
Category 6	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 605\Text
Category 6	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 606\Text
Category 6	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 607\Text
Category 6	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 608\Text
Category 6	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 609\Text
Category 6	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 610\Text
Category 7	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 701\Text
Category 7	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 702\Text
Category 7	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 703\Text
Category 7	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 704\Text
Category 7	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 705\Text
Category 7	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 706\Text

English (United States)	Category	Reference
Category 7	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 707\Text
Category 7	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 708\Text
Category 7	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 709\Text
Category 7	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 710\Text
Category 8	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 801\Text
Category 8	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 802\Text
Category 8	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 803\Text
Category 8	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 804\Text
Category 8	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 805\Text
Category 8	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 806\Text
Category 8	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 807\Text
Category 8	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 808\Text
Category 8	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 809\Text
Category 8	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 810\Text
ChemicalProcess	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Project information\HmiScreenItemData_1\Text
Close NaOH valve	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_StepNames639139229409982114_1\Range 7\Text
Collects process, device, sensor, and emergency stop faults into one fault status.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 5\Comment
Connect the sensor Straight here. 4-20mA = 0-27648 Integers.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\FC_Scale [FC2]\RawValue
Connect the sensor Straight here. 4-20mA = 0-27648 Integers.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\SensorScaling [FB3]\RawValue
Connection:	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System information\HmiScreenItemData_2\Text
Created on:	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Project information\HmiScreenItemData_2\Text
Creates automatic operation enable signal from HMI mode selection and start/stop commands.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 2\Comment
Creates global all outputs ON/OFF test commands.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 6\Comment
Creates manual operation enable signal for direct operator-controlled device operation.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 3\Comment
Current sensor for PumpM003	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Scaled_FIC516
Description:	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Project information\HmiScreenItemData_6\Text
Different jobs	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_ScreenNames\Text_list_entry_7\Text
Different jobs	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_OriginalScreenNames\Text_list_entry_7\Text
Different jobs	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System screens\HmiScreenItemData_4\Text OFF
Different jobs	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System screens\HmiScreenItemData_4\Text ON
Elaspse time for mix tank motor	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\SetElapseTimeforMixing
Emergency Stop	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 4\Title
Empty MIX Tank	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_StepNames639139229409982114_1\Range 5\Text
Empty Storage Tank	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_StepNames639139229409982114_1\Range 10\Text
Error	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 101\Text
Error	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 102\Text
Error	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 103\Text
Error	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 104\Text
Error	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 105\Text
Error	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 106\Text
Error	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 107\Text
Error	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 108\Text
Error	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 109\Text
Error	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 110\Text
Error message	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 106\Text
Error message	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 206\Text
Error message	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 306\Text
Error message	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 406\Text
Error message	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 506\Text
Error message	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 606\Text
Error message	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 706\Text
Error message	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 806\Text
Exit	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Exit\Text OFF
Exit	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Exit\Text ON
Exit valve close	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_StepNames639139229409982114_1\Range 15\Text
Exit valve open	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_StepNames639139229409982114_1\Range 12\Text
Fault	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 5\Title
FIC-516 is Pressure sensor Integrated with M003	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\FIC_516
Fill NaOH	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_StepNames639139229409982114_1\Range 2\Text
Fill Powder M001	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_StepNames639139229409982114_1\Range 3\Text
Fill water	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_StepNames639139229409982114_1\Range 17\Text

English (United States)	Category	Reference
GRAPH-Interlock	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 108\Text
GRAPH-Interlock	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 208\Text
GRAPH-Interlock	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 308\Text
GRAPH-Interlock	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 408\Text
GRAPH-Interlock	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 508\Text
GRAPH-Interlock	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 608\Text
GRAPH-Interlock	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 708\Text
GRAPH-Interlock	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 808\Text
GRAPH-Supervision	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 109\Text
GRAPH-Supervision	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 209\Text
GRAPH-Supervision	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 309\Text
GRAPH-Supervision	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 409\Text
GRAPH-Supervision	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 509\Text
GRAPH-Supervision	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 609\Text
GRAPH-Supervision	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 709\Text
GRAPH-Supervision	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 809\Text
GRAPH-Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 110\Text
GRAPH-Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 210\Text
GRAPH-Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 310\Text
GRAPH-Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 410\Text
GRAPH-Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 510\Text
GRAPH-Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 610\Text
GRAPH-Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 710\Text
GRAPH-Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 810\Text
GSV_510 Valve	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\GSV_510
GSV-510	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Text field_2\Text
GSV-511	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Text field_4\Text
GSV-511 Valve	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\GSV_511
GSV-514	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Text field_6\Text
GSV-519	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Text field_7\Text
GSV-521	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Text field_8\Text
High limit required in plan	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\FC_Scale [FC2]\HighLimitForSensor
High limit required in plan	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\SensorScaling [FB3]\HighLimitForSensor
HMI	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 1\Title
HMI device type:	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System information\HmiScreenItemData \Text
I	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Errors\ComingText
I	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Warnings\ComingText
I	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\System\ComingText
I	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Diagnosis events\ComingText
I	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Safety warnings\ComingText
I	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Acknowledgement\ComingText
I	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\No Acknowledgement\ComingText
If limit is negative then Bipolar:= true elseif positive then unipolar:= true	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\FC_Scale [FC2]\DoLimitIsNegative
If limit is negative then Bipolar:= true elseif positive then unipolar:= true	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\SensorScaling [FB3]\DoLimitIsNegative
If Valve opens have to make sure it closes.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Sequence \Step\Actions\Comment
Info	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 301\Text
Info	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 302\Text
Info	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 303\Text
Info	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 304\Text
Info	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 305\Text
Info	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 306\Text
Info	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 307\Text
Info	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 308\Text
Info	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 309\Text
Info	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 310\Text
Interlock	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 102\Text
Interlock	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 202\Text
Interlock	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 302\Text
Interlock	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 402\Text
Interlock	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 502\Text
Interlock	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 602\Text
Interlock	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 702\Text
Interlock	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 802\Text
Internal data area	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\RT_DATA
IO	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Errors\ComingGoingText
IO	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Warnings\ComingGoingText
IO	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\System\ComingGoingText
IO	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Diagnosis events\ComingGoingText
IO	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Safety warnings\ComingGoingText
IO	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Acknowledgement\ComingGoingText
IO	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\No Acknowledgement\ComingGoing-Text
KTP700 Basic+ PN 16.0.0.0	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System information\HmiScreenItemData_1\Text
Language	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Language\Text OFF
Language	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Language\Text ON
Low limit required in plan	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\FC_Scale [FC2]\LowLimitForSensor

English (United States)	Category	Reference
Low limit required in plan	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\SensorScaling [FB3]\LowLimitForSensor
LS-513 Powder Low level Button	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\LSA_513
LT/LI-515 sensor´s scaled value	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Scaled_LI515
LT-515	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Text field_12\Text
LT-515 Level indicative sensor	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\LI_515
M001	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Text field_9\Text
M001.F fault signal of Powder Motor	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\M001_F
M001.ST is Powder Motor start signal.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\M001_ST
M001.TK is Temperature protection of POwder Motor.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\M001_TK
M002	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Text field_11\Text
M002.ST is Mixtank Motor signal.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\M002_ST
M003	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Text field_10\Text
M003.F is Fault signal of Motor M003	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\M003_F
M003.R is Reset signal of Motor M003	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\M003_R
M003.ST is Start signal of Motor M003	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\M003_ST
M003.TK isTemperature protection signal of Motor M003	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\M003_TK
Manual mode make user start everytime time the storage tank is emptied.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Manual
ManualMode	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 3\Title
Mator Fault signal For Mix Tank motor	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\M002_F
mika3	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Project information\HmiScreenItemData_5\Text
MIx Tank Motor timing	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\SetTimeForMixing
Monitor	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\User administration\Monitor\ShortName
'Monitor' authorization.	HMI comment	ChemicalProcess\HMI_1 [KTP700 Basic PN]\User administration\Monitor\Comment
Motors	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 10\Title
NA	Alarm class text	ChemicalProcess\No Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName
NA	Alarm class text	ChemicalProcess\No Acknowledgement\ShortName
Not in use for now. Reads operator commands and prepares start, stop, reset, auto/manual selections.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 1\Comment
Not to Storage	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_StepNames639139229409982114_1\Range 14\Text
O	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Errors\GoingText
O	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Warnings\GoingText
O	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\System\GoingText
O	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Diagnosis events\GoingText
O	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Safety warnings\GoingText
O	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Acknowledgement\GoingText
O	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\No Acknowledgement\GoingText
OFF	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_1\Text OFF
OFF	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_2\Text OFF
OFF	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_3\Text OFF
OFF	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_4\Text OFF
OFF	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_5\Text OFF
OFF	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_6\Text OFF
OFF	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_7\Text OFF
OFF	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_8\Text OFF
Offline	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Different jobs\Offline\Text OFF
Offline	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Different jobs\Offline\Text ON
ON	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_1\Text ON
ON	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_2\Text ON
ON	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_3\Text ON
ON	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_4\Text ON
ON	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_5\Text ON
ON	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_6\Text ON
ON	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_7\Text ON
ON	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_8\Text ON
Online	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Different jobs\Online\Text OFF
Online	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Different jobs\Online\Text ON
Operand	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 101\Text
Operand	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 201\Text
Operand	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 301\Text
Operand	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 401\Text
Operand	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 501\Text
Operand	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 601\Text
Operand	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 701\Text
Operand	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 801\Text
Operate	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\User administration\Operate\ShortName
'Operate' authorization.	HMI comment	ChemicalProcess\HMI_1 [KTP700 Basic PN]\User administration\Operate\Comment
Pending alarms	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Global screen\Alarm window_Pending\Label
PID FIC-516 /M003	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 8\Title
PIDTulo	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\M003_SP
PLC:	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System information\HmiScreenItemData_4\Text
Position	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 105\Text
Position	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 205\Text
Position	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 305\Text
Position	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 405\Text
Position	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 505\Text
Position	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 605\Text

English (United States)	Category	Reference
Position	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 705\Text
Position	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 805\Text
Powder Motor Stop	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Step-Names639139229409982114_1\Range 8\Text
Process Sequence	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 11\Title
Processes emergency stop input and creates global emergency stop active signal.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 4\Comment
PROFINET (X1)	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System information\HmiScreenItemDa-ta_3\Text
Project information	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_ScreenNames \Text_list_entry_4\Text
Project information	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_OriginalScreen-Names\Text_list_entry_4\Text
Project name:	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Project information\HmiScreenItemData \Text
QGR	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Runtime settings\HmiAlarmSettingsData\Acknowl-edgementGroupText
Reaction	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 103\Text
Reaction	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 203\Text
Reaction	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 303\Text
Reaction	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 403\Text
Reaction	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 503\Text
Reaction	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 603\Text
Reaction	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 703\Text
Reaction	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 803\Text
Reserved for future PID, VFD, alarms, diagnos-tics, or reporting logic.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 12\Comment
Reset for Mixing Motor	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\M002_R
Reset of Powder Motor	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\M001_R
Reset output	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Motors\Generic Motors\FC_Mo-tor_Reset [FC6]\Network 1\Title
Reset signal to motor memory	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Motors\Generic Motors\FC_Mo-tor_Reset [FC6]\bReset_QFC
Reset signal to valve memory	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Valves\Generic valves\Valves [FC1]\bReset_QFC
Reset valve close command	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Valves\Generic valves\Valves [FC1]\bReset_IFC
Root screen	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_ScreenNames \Text_list_entry_1\Text
Root screen	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_OriginalScreen-Names\Text_list_entry_1\Text
Runs GRAPH process sequence for automatic batch operation.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 11\Comment
S7	Alarm text	ChemicalProcess\HMI_1 [KTP700 Basic PN]\HMI alarms\Diagnosis events\alarmclass name not set_3\AlarmClassData_IDisplayNaming_DisplayName
Scales raw analog sensor values into engineer-ing units for process logic.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 7\Comment
Scaling for Sensors	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\FC_Scale [FC2]\Block title
Sensor Fb Block	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\SensorScal-ing [FB3]\Block title
Sensors Scalings	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 7\Title
Set signal to motor memory	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Motors\Generic Motors\FC_Mo-tor_Set [FC5]\Network 1\Title
Set signal to motor memory	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Motors\Generic Motors\FC_Mo-tor_Set [FC5]\bSet_QFC
Set signal to valve memory	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Valves\Generic valves\Valves [FC1]\Network 1\Title
Set signal to valve memory	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Valves\Generic valves\Valves [FC1]\bSet_QFC
Set valve open command	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Valves\Generic valves\Valves [FC1]\bSet_IFC
SIMATIC PLC system diagnostics	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_ScreenNames \Text_list_entry_3\Text
SIMATIC PLC system diagnostics	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_OriginalScreen-Names\Text_list_entry_3\Text
SIMATIC S7 1500	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\System information\HmiScreenItemDa-ta_5\Text
Spare/Future Expansion	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 12\Title
Start	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Step-Names639139229409982114_1\Range 1\Text
Start initiates the program	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Initiate
Start Mixing	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Step-Names639139229409982114_1\Range 4\Text
Start request for motor	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Motors\Generic Motors\FC_Mo-tor_Set [FC5]\bStart_IFC
Start screen	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Start screen\Text OFF
Start screen	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Start screen\Text ON
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Powder Mo-tor Stop
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Fill Powder M001
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Start Mixing
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Empty MIX Tank
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Fill water
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Stop Water

English (United States)	Category	Reference
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Close NaOH valve
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Fill NaOH
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Stop Mixing
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Empty Storage Tank
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Stop emptying
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Step18
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Start
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Exit valve open
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Valve 521 Stays open
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Exit valve close
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Not to Storage
Step structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Step13
Step13	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_StepNames639139229409982114_1\Range 13\Text
Step18	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_StepNames639139229409982114_1\Range 18\Text
Stop emptying	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_StepNames639139229409982114_1\Range 11\Text
Stop Emptying	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Sequence \Step\Interlock\Title
Stop Mixing	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_StepNames639139229409982114_1\Range 9\Text
Stop request for motor	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Motors\Generic Motors\FC_Motor_Reset [FC6]\bStop_IFC
Stop Runtime	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Different jobs\Stop Runtime\Text OFF
Stop Runtime	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Different jobs\Stop Runtime\Text ON
Stop the Process and goest back S and wait until pressed start manually	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\StopandWait
Stop Water	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_StepNames639139229409982114_1\Range 6\Text
Subcategory 1	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 1\Text
Subcategory 1	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 1\Text
Subcategory 10	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 10\Text
Subcategory 10	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 10\Text
Subcategory 11	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 11\Text
Subcategory 11	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 11\Text
Subcategory 12	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 12\Text
Subcategory 12	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 12\Text
Subcategory 13	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 13\Text
Subcategory 13	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 13\Text
Subcategory 14	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 14\Text
Subcategory 14	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 14\Text
Subcategory 15	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 15\Text
Subcategory 15	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 15\Text
Subcategory 16	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 16\Text
Subcategory 16	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 16\Text
Subcategory 2	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 2\Text
Subcategory 2	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 2\Text
Subcategory 3	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 3\Text
Subcategory 3	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 3\Text
Subcategory 4	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 4\Text
Subcategory 4	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 4\Text
Subcategory 5	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 5\Text
Subcategory 5	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 5\Text
Subcategory 6	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 6\Text
Subcategory 6	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 6\Text
Subcategory 7	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 7\Text
Subcategory 7	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 7\Text
Subcategory 8	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 8\Text
Subcategory 8	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 8\Text
Subcategory 9	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 9\Text
Subcategory 9	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 9\Text
Switch	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_1\Caption text
Switch	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_2\Caption text
Switch	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_3\Caption text
Switch	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_4\Caption text
Switch	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_5\Caption text
Switch	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_6\Caption text
Switch	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_7\Caption text
Switch	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Switch_8\Caption text
System information	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_ScreenNames \Text_list_entry_6\Text
System information	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_OriginalScreenNames\Text_list_entry_6\Text
System screens	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_ScreenNames \Text_list_entry_2\Text
System screens	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_OriginalScreenNames\Text_list_entry_2\Text
System screens	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\HmiScreenItemData_1\Text OFF

English (United States)	Category	Reference
System screens	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\HmiScreenItemData_1\Text ON
Test mode enable	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\FB_TestMode [FB9]\TestOn
TestMode	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 6\Title
Text message	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 107\Text
Text message	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 207\Text
Text message	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 307\Text
Text message	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 407\Text
Text message	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 507\Text
Text message	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 607\Text
Text message	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 707\Text
Text message	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionTypes\Range 807\Text
The 'Administrator' group is initially granted all rights.	HMI comment	ChemicalProcess\HMI_1 [KTP700 Basic PN]\User administration\Administrator group\Comment
The idea is to call this from FC and then call it into OB and connect sensors individually, by doing that DB instance can be created for sensors and everythin will be connected inside one and highest layer, this will help in maintenance, monitoring, optimization, further analysis and future possiblities.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\SensorScaling [FB3]\Block comment
The user 'Administrator' is assigned to the 'Administrator' group.	HMI comment	ChemicalProcess\HMI_1 [KTP700 Basic PN]\User administration\Administrator\Comment
The 'Users' group is initially granted 'Operating' rights.	HMI comment	ChemicalProcess\HMI_1 [KTP700 Basic PN]\User administration\Users\Comment
This is a basic mechanism for scaling Sensors. For details about using Function scale, visit this website https://support.industry.siemens.com/cs/document/1765297/how-and-for-which-analog-measurements-can-you-use-the-function-fc105-scale-to-convert-the-integer-values-(int)-into-real-number-values-?dti=0&lc=en-SZ	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\FC_Scale [FC2]\Block comment
This is where physical world meets the digital world. Main cyclic control block. Calls HMI handling, operating modes, safety/fault logic, sensor scaling, actuator control, and process sequence in defined order.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Block comment
Toggle language	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Different jobs\Toggle language\Text OFF
Toggle language	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Different jobs\Toggle language\Text ON
Trans1	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Transition-Names639139229410197280_1\Range 1\Text
Trans10	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Transition-Names639139229410197280_1\Range 10\Text
Trans11	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Transition-Names639139229410197280_1\Range 11\Text
Trans12	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Transition-Names639139229410197280_1\Range 12\Text
Trans2	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Transition-Names639139229410197280_1\Range 2\Text
Trans3	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Transition-Names639139229410197280_1\Range 3\Text
Trans4	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Transition-Names639139229410197280_1\Range 4\Text
Trans5	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Transition-Names639139229410197280_1\Range 5\Text
Trans6	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Transition-Names639139229410197280_1\Range 6\Text
Trans7	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Transition-Names639139229410197280_1\Range 7\Text
Trans8	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Transition-Names639139229410197280_1\Range 8\Text
Trans9	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Transition-Names639139229410197280_1\Range 9\Text
Transfer	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Different jobs\Transfer\Text OFF
Transfer	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Different jobs\Transfer\Text ON
Transition structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Trans6
Transition structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Trans8
Transition structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Trans1
Transition structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Trans2
Transition structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Trans3
Transition structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Trans9
Transition structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Trans7
Transition structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Trans5
Transition structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Trans10
Transition structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Trans4
Transition structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Trans12
Transition structure	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\Trans11
TT/TI-517 sensor´s scaled value	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Scaled_TI517
TT/TI-518 sensor´s scaled value	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Scaled_TI518
TT-517	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Text field_14\Text
TT-518	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Text field_15\Text
Unacknowledged alarms	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screen management\Global screen\Alarm window_Unacknowledged\Label
Usable output for futher use.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\FC_Scale [FC2]\ActualOutput
Usable output for futher use.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\SensorScaling [FB3]\ActualOutput
User administration	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\User administration\User administration\ShortName

English (United States)	Category	Reference
User administration	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_ScreenNames \Text_list_entry_5\Text
User administration	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_OriginalScreen-Names\Text_list_entry_5\Text
Users	HMI runtime	ChemicalProcess\HMI_1 [KTP700 Basic PN]\User administration\Users\DisplayName
Valve 521 Stays open	Text List Text Category	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\PLC_1\SYSTEM_Step-Names639139229409982114_1\Range 16\Text
Valve GSV-514.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\GSV_514
Valves	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Network 9\Title
Visual Output for further use.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\FC_Scale [FC2]\VisualOutput
Visual Output for further use.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Sensors\Generic Blocks\SensorScal-ing [FB3]\VisualOutput
Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 201\Text
Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 202\Text
Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 203\Text
Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 204\Text
Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 205\Text
Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 206\Text
Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 207\Text
Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 208\Text
Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 209\Text
Warning	Text List Text Category	ChemicalProcess\SYSTEM_Global_ProDiag_SupervisionCategories\Range 210\Text
Web access - view only. Authorization for the use of WebNavigator and for client-server sys-tems.	HMI comment	ChemicalProcess\HMI_1 [KTP700 Basic PN]\User administration\Web access - view only\Com-ment
WI-512	HMI screen	ChemicalProcess\HMI_1 [KTP700 Basic PN]\Screens\Root screen\Text field_1\Text
WT/WI-512 sensor´s scaled value.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\Main [OB1]\Scaled_WI512
WT-512 is Weight Sensor and connected in OB	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\WI_512
ZSC-510 is Valve open signal GSV-510.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\HS_510_Open
ZSC-510 Valve close signal for GSV-510.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\HS_510_Close
ZSC-511 Valve close signal	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\HS_511_Close
ZSC-514 is valve close signal for GSV-514	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\HS_514_Close
ZSC-519 is Valve close signal for GSV-519	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\HS_519_Close
ZSC-521 close valve signal for GSV_521	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\HS_521_Close
ZSO-511 is Valve open signal GSV-511.	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\HS_511_Open_
ZSO-514 is Valve open signal for GSV-514	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\HS_514_Open
ZSO-519 is valve open signal for GSV-519	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\HS_519_Open
ZSO-521 valve open signal for GSV-521	Block comment	ChemicalProcess\PLC_1 [CPU 1511-1 PN]\Program blocks\ProcessSequence [FB1]\HS_521_Open

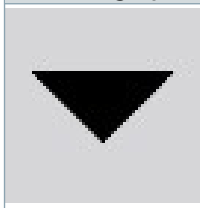
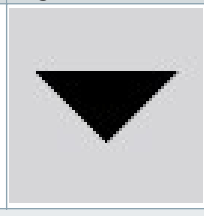
ChemicalProcess / Languages & resources

Project graphics

AlarmDisplay_KTP700_Basic_PN_TR

Standard graphic	English (United States)
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

Down_Arrow

Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

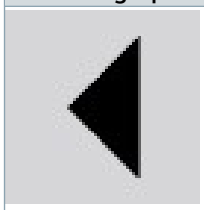
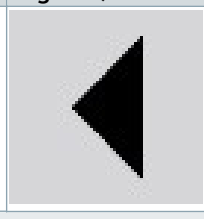
ExitRuntime_KTP700_Basic_PN_TR

Standard graphic	English (United States)
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

Home

Standard graphic	English (United States)
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

Left_Arrow

Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

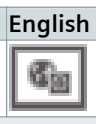
Logo of HMI_1

Standard graphic	English (United States)
SIEMENS SIMATIC HMI	SIEMENS SIMATIC HMI
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

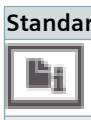
NavigateHome_KTP700_Basic_PN_TR

Standard graphic	English (United States)
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

Navigates to Different jobs for KTP700 Basic+ PN 16.0.0.0

Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

Navigates to Project information for KTP700 Basic+ PN 16.0.0.0

Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

Navigates to SIMATIC PLC system diagnostics for KTP700 Basic+ PN 16.0.0.0

Standard graphic	English (United States)
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

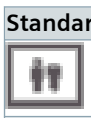
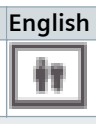
Navigates to System information for KTP700 Basic+ PN 16.0.0.0

Standard graphic	English (United States)
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

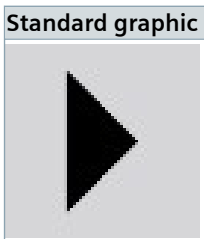
Navigates to System screens for KTP700 Basic+ PN 16.0.0.0

Standard graphic	English (United States)
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

Navigates to User administration for KTP700 Basic+ PN 16.0.0.0

Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

Right_Arrow

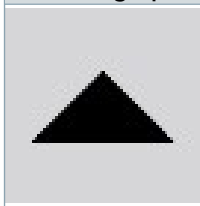
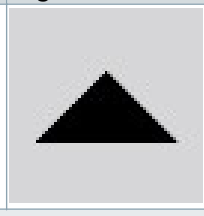
Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color

Standard graphic	English (United States)
Smoothing	
Disabled	Disabled

ToggleLanguage_KTP700_Basic_PN_TR

Standard graphic	English (United States)
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

Up_Arrow

Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled