

Totally Integrated Automation Portal		
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HMI_1 [KTP400 Basic PN]

HMI_1

General

Name	HMI_1
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HMI_1 [KTP400 Basic PN]

Runtime settings

General

Start screen	Screen_1	Default template		Default style of the project	Checked
Style of the HMI device	WinCC Dark V 1.0.1	Adapt font size to style	Checked	Screen resolution	480, 272
Project ID	0	Logging language	Startup language		

Screens

Bit selection for text and graphic lists	Off	User-defined pictogram size	Unchecked	X,Y:	64, 45
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Keyboard

Use screen keyboard	Checked	Release button on exit	Unchecked	Disable dialog window function keys	Unchecked
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Alarms

Controller alarms

Buffer overflow	10 %	Acknowledgment group text	QGR	Use alarm class color	Unchecked
System event duration	2 Seconds	Connection	HMI_Connection_1		

User administration

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

Language & font

Preset runtime language:		English (USA)			
English (USA)					
Runtime language	Checked	Fixed font 1	Tahoma	Default font	Tahoma, 11 Pixel
Configured font 1					

Tag settings

Replace the separator on each sub-level of the path of the PLC tag:	Checked	Compatibility mode: Set '_' between the PLC tags and the first-level element.	Unchecked	Replace the '.' character if the name of the HMI tag is created from the PLC tag name	Checked
Use '_' as the replacement character	Checked	Use ';' as the replacement character	Unchecked	Replace the characters '[' and ']' if the name of the HMI tag is created from the PLC tag name	Checked
Use '[' and ']' as replacement characters	Checked	Use '(' and ')' as replacement characters	Unchecked	Connection	HMI_Connection_1
PLC name as prefix in the HMI tag name	Unchecked				

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Styles/Designs

Use style/design	Unchecked	Style item appearance			
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Miscellaneous

Tooltip		Layer	0 - Layer_0	Name	I/O field_1
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Security

Authorization		Allow operator control	Checked		
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Dynamizations\Tag connection

Property name	Process value	Tag	pozycja_kulki		
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D4_Control_4

Type	Group				
Height	200	X position	17	Y position	39
Width	100				
Layer	0 - Layer_0	Name	D4_Control_4		

D4_Slider_Frame_Vertical_Small_4

Type	Graphic view				
Graphic	Design_4_Slider_Frame_Vertical_Small				
Background color	181, 182, 181	Background fill pattern	Transparent	Border color	0, 0, 0
Border width	0	Line style	Solid		
Auto-size	Stretch screen	Fit to size	Unchecked	Height	200
X position	17	Y position	39	Width	100
Layer	0 - Layer_0	Name	D4_Slider_Frame_Vertical_Small_4		

D4_Bar_4

Type	Bar				
Maximum value	30000	Minimum value	10	Process value	0
Background color	165, 162, 165	Segment coloring	Entire bar	Foreground color	0, 0, 198
Color of scale	0, 0, 0	Limit lines (layout)	Checked	Limit marking (layout)	Unchecked
Border background color	255, 255, 255	Border color	0, 0, 0	Border width	0
Corner radius (border)	0	Border frame style	Solid		
Divisions	5	Large mark labeling	2	Scale gradation	10
Show scale	Checked	Auto-scale	Unchecked		
Integer digits	5	Decimal places	0	Double-lined scale label	Unchecked
Show "+" for positive numbers	Unchecked	Show scale marks	Checked	Use exponential format	Unchecked
Unit					
Bar orientation	Top	Height	157	X position	41
Scale position	Right/down	Y position	60	Width	44
Font	Tahoma, 13px				
Color low limit alarms	255, 255, 0	Color high limit alarms	255, 0, 0		
Use style/design	Unchecked	Style item appearance			
Layer	0 - Layer_0	Name	D4_Bar_4		
Property name	Process value	Tag	pozycja_kulki		
Type	Graphic I/O field				
Bit number	0	Mode	Two states	Value status ON	1
Graphic list		Graphic OFF	PilotLight_Round_R_Off_256c	Graphic ON	PilotLight_Round_R_On_256c
Process value	0				
Background color	181, 182, 181	Background fill pattern	Solid	Border color	0, 0, 0
Border width	0	Line style	Solid	Focus color	0, 0, 0
Focus width	1				
X position	280	Width	50	Y position	202
Height	50	Fit embedded graphic object to screen size	Fit graphic to object size	Auto-size	Stretch screen

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Fit to size	Unchecked				
Limits					
Color for High limit violated	255, 0, 0		Color for Low limit violated	255, 255, 0	
Miscellaneous					
Tooltip		Layer	0 - Layer_0		NamePlotLight_Round_R
Security					
Authorization		Allow operator control	Checked		
Dynamizations\Tag connection					
Property name	Process value		Tag	Zakres_ok	

Text field_1

Type	Text field				
General					
Text	Odległość kulki od czujnika				
Appearance					
Background color	156, 154, 206		Background fill pattern	Transparent	Border background color255, 255, 255
Border color	0, 0, 0		Border width	0	Line styleSolid
Foreground color	0, 0, 0		Corner radius (border)	0	
Layout					
Bottom margin	2		Fit to size	Checked	Height22
X position	0		Left margin	2	Right margin2
Y position	245		Top margin	2	Width175
Text format					
Font	Tahoma, 15px		Horizontal alignment	Left	OrientationHorizontal
Vertical alignment	Top				
Flashing					
Flashing	None				
Styles/Designs					
Use style/design	Unchecked		Style item appearance		
Miscellaneous					
Layer	0 - Layer_0		Name	Text field_1	

Text field_2

Type	Text field				
General					
Text	Kulka poza zakresem				
Appearance					
Background color	156, 154, 206		Background fill pattern	Transparent	Border background color255, 255, 255
Border color	0, 0, 0		Border width	0	Line styleSolid
Foreground color	0, 0, 0		Corner radius (border)	0	
Layout					
Bottom margin	2		Fit to size	Checked	Height22
X position	233		Left margin	2	Right margin2
Y position	176		Top margin	2	Width142
Text format					
Font	Tahoma, 15px		Horizontal alignment	Left	OrientationHorizontal
Vertical alignment	Top				
Flashing					
Flashing	None				
Styles/Designs					
Use style/design	Unchecked		Style item appearance		
Miscellaneous					
Layer	0 - Layer_0		Name	Text field_2	

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<div>HMI_1 [KTP400 Basic PN] / Screen management</div> <div>Templates</div> <div>This folder is empty.</div>		

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HMI_1 [KTP400 Basic PN] / Screen management

Global screen

Hardcopy of Global screen

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

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HMI_1 [KTP400 Basic PN] / HMI tags

Default tag table [3]

Swiatlo

General					
Name	Swiatlo	Connection	HMI_Connection_1	Data type	Bool
Array elements	0	Length	1	Address	%Q0.0
Access mode	<absolute access>	PLC tag	Tag_1	Coding	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	100 ms	Acquisition mode	Cyclic in operation		
Limits					
Maximum		Minimum			
Linear scaling					
Linear scaling	Unchecked	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		
Miscellaneous					
ID tag		Start value			
Comment					
Comment		Source comment			
Multiplexing					
Multiplexing	Unchecked	Index tag			

pozycja_kulki

General					
Name	pozycja_kulki	Connection	HMI_Connection_1	Data type	Word
Array elements	0	Length	2	Address	
Access mode	<symbolic access>	PLC tag	pozycja_kulki	Coding	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	100 ms	Acquisition mode	Cyclic in operation		
Limits					
Maximum		Minimum			
Linear scaling					
Linear scaling	Unchecked	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		
Miscellaneous					
ID tag		Start value			
Comment					
Comment		Source comment			
Multiplexing					
Multiplexing	Unchecked	Index tag			

Zakres_ok

General					
Name	Zakres_ok	Connection	HMI_Connection_1	Data type	Bool
Array elements	0	Length	1	Address	
Access mode	<symbolic access>	PLC tag	Zakres_ok	Coding	Binary
PLC name	PLC_1				
Settings					
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation		
Limits					
Maximum		Minimum			
Linear scaling					
Linear scaling	Unchecked	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		
Miscellaneous					
ID tag		Start value			
Comment					
Comment		Source comment			
Multiplexing					
Multiplexing	Unchecked	Index tag			

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HMI_1 [KTP400 Basic PN]

Connections

HMI_Connection_1

Name	HMI_Connection_1	Communication driver	SIMATIC S7 1200	Comment	
Online	Checked	Station	S7-1200 station_1	Partner	PLC_1
Node	CPU 1212C AC/DC/Rly, 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				

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<div>HMI_1 [KTP400 Basic PN] / HMI alarms</div> <div>Discrete alarms</div> <div>This folder is empty.</div>		

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<div>HMI_1 [KTP400 Basic PN] / HMI alarms</div> <div>Analog alarms</div> <div>This folder is empty.</div>		

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HMI_1 [KTP400 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

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HMI_1 [KTP400 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 acknowl- edgment				
State texts					
Text for "Incoming"	I	Text for "Outgoing"	O	Text for "Acknowl- edged"	A
Colors					
Background "Incom- ing/Acknowledged"	255, 255, 255	Background "Incom- ing"	255, 0, 0	Background "Incom- ing/Outgoing/ Acknowledged"	255, 255, 255
Background "Incom- ing/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 acknowl- edgment				
State texts					
Text for "Incoming"	I	Text for "Outgoing"	O	Text for "Acknowl- edged"	A
Colors					
Background "Incom- ing/Acknowledged"	255, 255, 255	Background "Incom- ing"	255, 0, 0	Background "Incom- ing/Outgoing/ Acknowledged"	255, 255, 255
Background "Incom- ing/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 "Acknowl- edged"	A
Colors					
Background "Incom- ing/Acknowledged"	255, 255, 255	Background "Incom- ing"	255, 0, 0	Background "Incom- ing/Outgoing/ Acknowledged"	255, 255, 255
Background "Incom- ing/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 "Acknowl- edged"	A
Colors					
Background "Incom- ing/Acknowledged"	255, 255, 255	Background "Incom- ing"	255, 255, 255	Background "Incom- ing/Outgoing/ Acknowledged"	255, 255, 255
Background "Incom- ing/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 "Acknowl- edged"	A
Colors					
Background "Incom- ing/Acknowledged"	255, 255, 255	Background "Incom- ing"	255, 255, 255	Background "Incom- ing/Outgoing/ Acknowledged"	255, 255, 255

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Background "Incoming/Outgoing"	255, 255, 255	

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<div>HMI_1 [KTP400 Basic PN] / HMI alarms</div> <div>System events</div> <div>This folder is empty.</div>		

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<div>HMI_1 [KTP400 Basic PN]</div> <div>Recipes</div> <div>This folder is empty.</div>		

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<div>HMI_1 [KTP400 Basic PN] / Historical data</div> <div>Datalogs</div> <div>This folder is empty.</div>		

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<div>HMI_1 [KTP400 Basic PN] / Historical data</div> <div>AlarmLogs</div> <div>This folder is empty.</div>		

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<div>HMI_1 [KTP400 Basic PN]</div> <div>Scheduled tasks</div> <div>This folder is empty.</div>		

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<div>HMI_1 [KTP400 Basic PN] / Text and graphic lists</div> <div>Text lists</div> <div>This folder is empty.</div>		

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<div>HMI_1 [KTP400 Basic PN] / Text and graphic lists</div> <div>Graphic lists</div> <div>This folder is empty.</div>		

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HMI_1 [KTP400 Basic PN] / User administration

User

Administrator

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

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HMI_1 [KTP400 Basic PN] / User administration

Groups

Administrator group

General					
Name	Administrator group	Display name	Administrator group	Number	1
Password aging	Unchecked				
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	Unchecked				
Comment					
Comment	The 'Users' group is initially granted 'Operating' rights.				
Authorizations					
Authorizations	Operate;				

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HMI_1 [KTP400 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 inrRuntime.				

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