HMI_1 [TP700 Comfort]

HMI_1	
General	
Name	HMI_1

HMI_1 [TP700 Comfort] / Screens

Root screen

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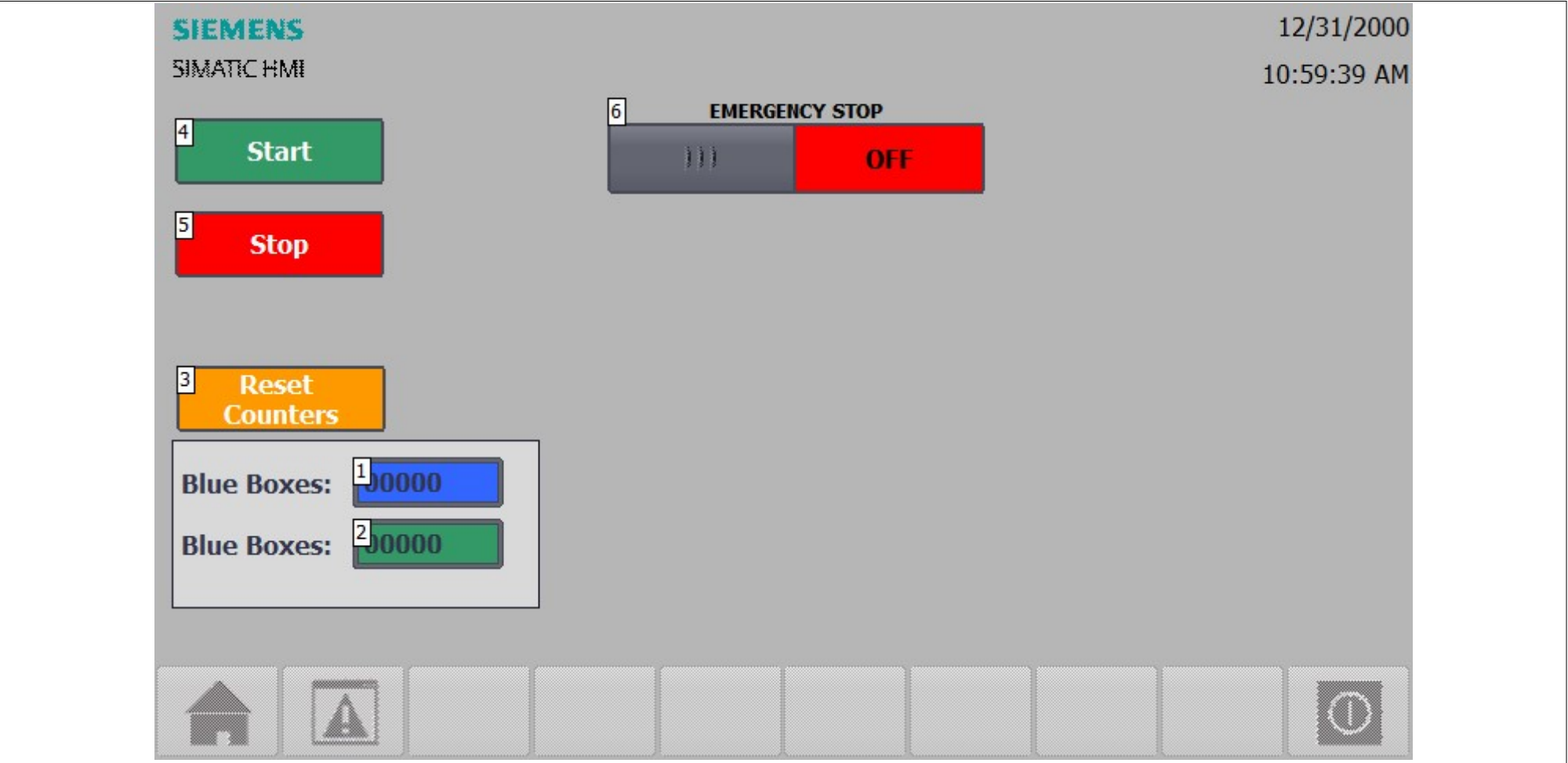
General					
Name	Root screen	**Background color**	182, 182, 182	**Grid color**	0, 0, 0
Number	1	**Template**	Template_1	**Tooltip**	
Layers					
Active layer	0				

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

Dynamizations\Event	
Event name	Loaded

Function list\SetTag

Tag	Tag_ScreenNumber	**Value**	1

Text field_1

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	71, 73, 87	Border background color	101, 103, 115		

Layout

X position	218	Y position	106	Width	16
Height	23	Left margin	3	Top margin	2
Right margin	2	Bottom margin	2	Fit object to contents	Checked

Text format

Font	Tahoma, 16px, style=Bold	Orientation	Horizontal	Horizontal alignment	Left
Vertical alignment	Middle	Line break	Unchecked		

Flashing

Flashing	Disabled				

Styles/Designs

Use style/design	Unchecked	Style item appearance			

Miscellaneous

Name	Text field_1	Layer	0 - Layer_0		

I/O field_1

Type	I/O field		

General

Process value		Mode	Input/output	Display format	Decimal
Shift decimal point	0	Field length	5	Show leading zeros	Unchecked
Format pattern	99999				

Appearance

Background color	51, 102, 255	Background fill pattern	Solid	Corner radius	3
Foreground color	49, 52, 74	Unit		Border width	4
Line style	Double line	Border color	71, 73, 87	Border background color	101, 103, 115

Characteristics

Hidden input	Unchecked		

Layout

X position	126	Y position	228	Width	96
Height	32	Left margin	3	Top margin	2
Right margin	2	Bottom margin	2	Fit object to contents	Unchecked

Text format

Font	Tahoma, 16px, style=Bold	Orientation	Horizontal	Horizontal alignment	Left
Vertical alignment	Middle	Line break	Unchecked		

Flashing

Flashing	Disabled	Flash on limit violation	Unchecked		

Limits

Color for High limit violated	237, 88, 97	Color for Low limit violated	241, 161, 44		

Styles/Designs

Use style/design	Unchecked	Style item appearance			

Miscellaneous

Name	I/O field_1	Layer	0 - Layer_0	Tooltip	

Security

Authorization		Allow operator control	Checked		

Dynamizations\Tag connection

Property name	Process value	Tag	HMI_blue boxes		

I/O field_2

Type	I/O field		

General

Process value		Mode	Input/output	Display format	Decimal
Shift decimal point	0	Field length	5	Show leading zeros	Unchecked
Format pattern	99999				

Appearance

Background color	51, 153, 102	Background fill pattern	Solid	Corner radius	3
Foreground color	49, 52, 74	Unit		Border width	4
Line style	Double line	Border color	71, 73, 87	Border background color	101, 103, 115

Characteristics

Hidden input	Unchecked		

Layout

X position	126	Y position	267	Width	96
Height	32	Left margin	3	Top margin	2
Right margin	2	Bottom margin	2	Fit object to contents	Unchecked

Text format

Font	Tahoma, 16px, style=Bold	Orientation	Horizontal	Horizontal alignment	Left
Vertical alignment	Middle	Line break	Unchecked		

Flashing

Flashing	Disabled	Flash on limit violation	Unchecked		

Limits

Color for High limit violated	237, 88, 97	Color for Low limit violated	241, 161, 44		

Styles/Designs

Use style/design	Unchecked	Style item appearance	

Miscellaneous

Name	I/O field_2	Layer	0 - Layer_0	Tooltip	

Security

Authorization		Allow operator control	Checked		

Dynamizations\Tag connection

Property name	Process value	Tag	HMI_Green boxes		

Rectangle_1

Type	Rectangle	

Appearance

Background color	217, 217, 217	Background fill pattern	Solid	Border width	1
Line style	Solid	Border color	24, 28, 49		

Layout

X position	11	Y position	217	Width	234
Height	107	Round corner width	0	Round corner height	0

Flashing

Flashing	Disabled		

Styles/Designs

Use style/design	Unchecked	Style item appearance	

Miscellaneous

Name	Rectangle_1	Layer	0 - Layer_0

Text field_2

Type	Text field	

General

Text	Blue Boxes:	

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	71, 73, 87	Border background color	101, 103, 115		

Layout

X position	14	Y position	233	Width	112
Height	23	Left margin	3	Top margin	2
Right margin	2	Bottom margin	2	Fit object to contents	Checked

Text format

Font	Tahoma, 16px, style=Bold	Orientation	Horizontal	Horizontal alignment	Left
Vertical alignment	Middle	Line break	Unchecked		

Flashing

Flashing	Disabled		

Styles/Designs

Use style/design	Unchecked	Style item appearance	

Miscellaneous

Name	Text field_2	Layer	0 - Layer_0

Text field_3

Type	Text field	

General

Text	Blue Boxes:	

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	71, 73, 87	Border background color	101, 103, 115		

Layout

X position	14	Y position	272	Width	112
Height	23	Left margin	3	Top margin	2
Right margin	2	Bottom margin	2	Fit object to contents	Checked

Text format

Font	Tahoma, 16px, style=Bold	Orientation	Horizontal	Horizontal alignment	Left
Vertical alignment	Middle	Line break	Unchecked		

Flashing

Flashing	Disabled		

Styles/Designs

Use style/design	Unchecked	Style item appearance	

Miscellaneous

Name	Text field_3	Layer	0 - Layer_0

Button_1

Type	Button	

General

Mode	Text	Text OFF	Reset Counters	Text ON	Text
Text list		Graphic OFF		Graphic ON	
Graphic list		Process value		Bit number	0

Appearance

Background color	255, 153, 0	Background fill pattern	Solid	Corner radius (border)	3
Foreground color	255, 255, 255	Border width	2	Line style	Solid
Border color	71, 73, 87	Border background color	105, 105, 105		

Fill pattern

Background color gradient (fill pattern)	99, 101, 113	Gradient 1 (fill pattern)	Checked	Color gradient 1 (fill pattern)	131, 132, 142
Offset gradient 1 (fill pattern)	15	Gradient 2 (fill pattern)	Checked	Color gradient 2 (fill pattern)	88, 90, 103
Offset gradient 2 (fill pattern)	15				

Design

Focus width	2	Focus color	148, 182, 231		

Layout

X position	14	Y position	170	Width	133
Height	42	Fit graphic to size	Stretch graphic	Horizontal alignment of the graphic	Centered
Vertical alignment of the graphic	Middle	Fit object to contents	Unchecked	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				

Flashing

Flashing	Disabled		

Styles/Designs

Use style/design	Unchecked	Style item appearance	

Miscellaneous

Name	Button_1	Layer	0 - Layer_0	Tooltip	

Security

Authorization		Allow operator control	Checked		

Dynamizations\Event

Event name		Press

Function list\SetBitWhileKeyPressed

Tag	HMI_Reset Count	Bit	0

Button_2

Type	Button	

General

Mode	Text	Text OFF	Start	Text ON	Text
Text list		Graphic OFF		Graphic ON	
Graphic list		Process value		Bit number	0

Appearance

Background color	51, 153, 102	Background fill pattern	Solid	Corner radius (border)	3
Foreground color	255, 255, 255	Border width	2	Line style	Solid
Border color	71, 73, 87	Border background color	105, 105, 105		

Fill pattern

Background color gradient (fill pattern)	99, 101, 113	Gradient 1 (fill pattern)	Checked	Color gradient 1 (fill pattern)	131, 132, 142
Offset gradient 1 (fill pattern)	15	Gradient 2 (fill pattern)	Checked	Color gradient 2 (fill pattern)	88, 90, 103
Offset gradient 2 (fill pattern)	15				

Design

Focus width	2	Focus color	148, 182, 231		

Layout

X position	13	Y position	13	Width	133
Height	42	Fit graphic to size	Stretch graphic	Horizontal alignment of the graphic	Centered
Vertical alignment of the graphic	Middle	Fit object to contents	Unchecked	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				

Flashing

Flashing	Disabled				

Styles/Designs

Use style/design	Unchecked	Style item appearance			

Miscellaneous

Name	Button_2	Layer	0 - Layer_0	Tooltip	

Security

Authorization		Allow operator control	Checked		

Dynamizations\Event

Event name		Press

Function list\SetBitWhileKeyPressed

Tag	HMI_start	Bit	0

Button_3

Type	Button	

General

Mode	Text	Text OFF	Stop	Text ON	Text
Text list		Graphic OFF		Graphic ON	
Graphic list		Process value		Bit number	0

Appearance

Background color	255, 0, 0	Background fill pattern	Solid	Corner radius (border)	3
Foreground color	255, 255, 255	Border width	2	Line style	Solid
Border color	71, 73, 87	Border background color	105, 105, 105		

Fill pattern

Background color gradient (fill pattern)	99, 101, 113	Gradient 1 (fill pattern)	Checked	Color gradient 1 (fill pattern)	131, 132, 142
Offset gradient 1 (fill pattern)	15	Gradient 2 (fill pattern)	Checked	Color gradient 2 (fill pattern)	88, 90, 103
Offset gradient 2 (fill pattern)	15				

Design

Focus width	2	Focus color	148, 182, 231		

Layout

X position	13	Y position	72	Width	133
Height	42	Fit graphic to size	Stretch graphic	Horizontal alignment of the graphic	Centered
Vertical alignment of the graphic	Middle	Fit object to contents	Unchecked	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				

Flashing

Flashing	Disabled				

Styles/Designs

Use style/design	Unchecked	Style item appearance			

Miscellaneous

Name	Button_3	Layer	0 - Layer_0	Tooltip	

Security

Authorization		Allow operator control	Checked		

Dynamizations\Event

Event name		Press

Function list\SetBitWhileKeyPressed

Tag	HMI_stop	Bit	0

Switch_1

Type	Switch	

General

Process value		Value status ON	1	Mode	Switch
Header	Checked	Label text	EMERGENCY STOP	Text ON	ON
Text OFF	OFF	Graphic ON		Graphic OFF	

Appearance

Label color	0, 0, 0	Foreground color	0, 0, 0	Background color	99, 101, 113
Inner background color ON	255, 0, 0	Inner background color OFF	255, 0, 0	Border width	2
Line style	Solid	Border color	71, 73, 87	Border background color	105, 105, 105
Corner radius	3				

Fill pattern

Background fill pattern	Vertical gradient	Background color gradient (fill pattern)	99, 101, 113	Gradient 1 (fill pattern)	Checked
Color gradient 1 (fill pattern)	131, 132, 142	Offset gradient 1 (fill pattern)	15	Gradient 2 (fill pattern)	Checked
Color gradient 2 (fill pattern)	88, 90, 103	Offset gradient 2 (fill pattern)	15		

Design

Focus width	2	Focus color	148, 182, 231		

Layout

X position	288	Y position	0	Width	240
Height	61	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	Unchecked
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

Label font	Tahoma, 13px, style=Bold	Font	Tahoma, 16px, style=Bold	Orientation	Horizontal
Horizontal alignment of the text	Centered	Vertical alignment of the text	Middle		

Flashing

Flashing	Disabled	Flash on limit violation	Unchecked		

Limits

Color for High limit violated	239, 97, 99	Color for Low limit violated	255, 219, 41		

Styles/Designs

Use style/design	Unchecked	Style item appearance			

Miscellaneous

Name	Switch_1	Layer	0 - Layer_0	Tooltip	

Security

Authorization		Allow operator control	Checked		

Dynamizations\Tag connection

Property name	Process value	Tag	HMI_emergency hmi		

Hardcopy of Permanent area

SIEMENS

SIMATIC HMI

12/31/2000
10:59:39 AM

General

Name	Permanent area	Background color	182, 182, 182	Grid color	0, 0, 0
Height	60				

Layers

Active layer	0		

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

HMI_1 [TP700 Comfort] / HMI tags

Default tag table [11]

Tag_ScreenNumber

General					
Name	Tag_ScreenNumber	Display name		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		Upper 1		Lower 1	
Lower 2					
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		
Values					
ID tag		Start value			
Comment					
Comment		Source comment			
Multiplexing					
Multiplexing	Unchecked	Index tag			
Logging					
Data log					
GMP (Good Manufacturing Practice)					
Confirmation type	None	GMP relevant	Unchecked	Comment required	Unchecked

HMI_blue boxes

General					
Name	HMI_blue boxes	Display name		Connection	HMI_Connection_1
Data type	Int	Array elements	0	Length	2
Address		Access mode	<symbolic access>	PLC tag	HMI."blue boxes"
Coding	Binary	PLC name	PLC_1		
Settings					
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation		
Limits					
Upper 2		Upper 1		Lower 1	
Lower 2					
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		
Values					
ID tag		Start value			
Comment					
Comment		Source comment			
Multiplexing					
Multiplexing	Unchecked	Index tag			
Logging					
Data log					
GMP (Good Manufacturing Practice)					
Confirmation type	None	GMP relevant	Unchecked	Comment required	Unchecked

HMI_Green boxes

General					
Name	HMI_Green boxes	Display name		Connection	HMI_Connection_1
Data type	Int	Array elements	0	Length	2
Address		Access mode	<symbolic access>	PLC tag	HMI."Green boxes"
Coding	Binary	PLC name	PLC_1		
Settings					
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation		
Limits					
Upper 2		Upper 1		Lower 1	
Lower 2					
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		
Values					
ID tag		Start value			
Comment					
Comment		Source comment			
Multiplexing					
Multiplexing	Unchecked	Index tag			
Logging					
Data log					
GMP (Good Manufacturing Practice)					
Confirmation type	None	GMP relevant	Unchecked	Comment required	Unchecked

emergency stop

General					
Name	emergency stop	Display name		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		Upper 1		Lower 1	
Lower 2					
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		
Values					
ID tag		Start value			
Comment					
Comment		Source comment			
Multiplexing					
Multiplexing	Unchecked	Index tag			
Logging					
Data log					
GMP (Good Manufacturing Practice)					
Confirmation type	None	GMP relevant	Unchecked	Comment required	Unchecked

emergency stop

HMI_Reset Count

General					
Name	HMI_Reset Count	Display name		Connection	HMI_Connection_1
Data type	Bool	Array elements	0	Length	1
Address		Access mode	<symbolic access>	PLC tag	HMI."Reset Count"
Coding	Binary	PLC name	PLC_1		
Settings					
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation		
Limits					
Upper 2		Upper 1		Lower 1	
Lower 2					
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		
Values					
ID tag		Start value			
Comment					
Comment		Source comment			
Multiplexing					
Multiplexing	Unchecked	Index tag			
Logging					
Data log					
GMP (Good Manufacturing Practice)					
Confirmation type	None	GMP relevant	Unchecked	Comment required	Unchecked

HMI_emergency hmi

General					
Name	HMI_emergency hmi	Display name		Connection	HMI_Connection_1
Data type	Bool	Array elements	0	Length	1
Address		Access mode	<symbolic access>	PLC tag	HMI."emergency hmi"
Coding	Binary	PLC name	PLC_1		
Settings					
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation		
Limits					
Upper 2		Upper 1		Lower 1	
Lower 2					
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		
Values					
ID tag		Start value			
Comment					
Comment		Source comment			
Multiplexing					
Multiplexing	Unchecked	Index tag			
Logging					
Data log					
GMP (Good Manufacturing Practice)					
Confirmation type	None	GMP relevant	Unchecked	Comment required	Unchecked

StartButton

General					
Name	StartButton	Display name		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		Upper 1		Lower 1	
Lower 2					

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		

Values					
ID tag		Start value			

Comment					
Comment		Source comment			

Multiplexing					
Multiplexing	Unchecked	Index tag			

Logging					
Data log					

GMP (Good Manufacturing Practice)					
Confirmation type	None	GMP relevant	Unchecked	Comment required	Unchecked

StartButton

StopButton

General					
Name	StopButton	Display name		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		Upper 1		Lower 1	
Lower 2					

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		

Values					
ID tag		Start value			

Comment					
Comment		Source comment			

Multiplexing					
Multiplexing	Unchecked	Index tag			

Logging					
Data log					

GMP (Good Manufacturing Practice)					
Confirmation type	None	GMP relevant	Unchecked	Comment required	Unchecked

StopButton

HMI_start

General					
Name	HMI_start	Display name		Connection	HMI_Connection_1
Data type	Bool	Array elements	0	Length	1
Address		Access mode	<symbolic access>	PLC tag	HMI.start
Coding	Binary	PLC name	PLC_1		

Settings					
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation		

Limits					
Upper 2		Upper 1		Lower 1	
Lower 2					

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		

Values					
ID tag		Start value			

Comment					
Comment		Source comment			

Multiplexing					
Multiplexing	Unchecked	Index tag			

Logging					
Data log					

GMP (Good Manufacturing Practice)					
Confirmation type	None	GMP relevant	Unchecked	Comment required	Unchecked

HMI_stop

General					
Name	HMI_stop	Display name		Connection	HMI_Connection_1
Data type	Bool	Array elements	0	Length	1
Address		Access mode	<symbolic access>	PLC tag	HMI.stop
Coding	Binary	PLC name	PLC_1		

Settings					
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation		

Limits					
Upper 2		Upper 1		Lower 1	
Lower 2					

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		

Values					
ID tag		Start value			

Comment					
Comment		Source comment			

Multiplexing					
Multiplexing	Unchecked	Index tag			

Logging					
Data log					

GMP (Good Manufacturing Practice)					
Confirmation type	None	GMP relevant	Unchecked	Comment required	Unchecked