

Devoir Libre 2023- ANDREWS OGAN / PLC_1 [CPU 314C-2 DP] / Program blocks

Main [OB1]

Main Properties

General

Name	Main	Number	1	Type	OB	Language	LAD
Numbering	automatic						

Information

Title	"Main Program Sweep (Cycle)"	Author		Comment		Family	
Version	0.1	User-defined ID					

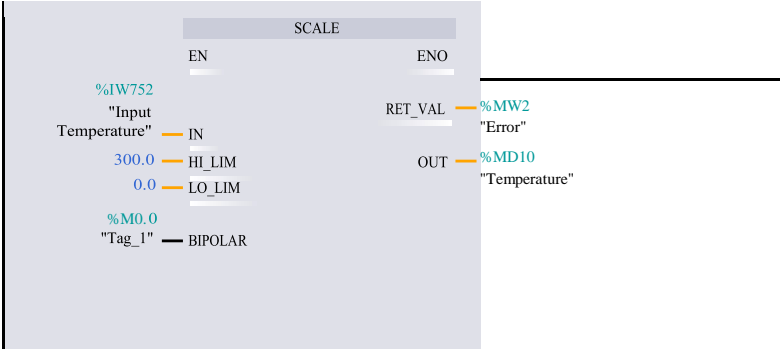
Main

Name				
▼ Temp				
OB1_EV_CLASS	Data type	Offset	Default value	Comment
OB1_SCAN_1				
OB1_PRIORITY				
OB1_OB_NUMBR	Byte	0.0		Bits 0-3 = 1 (Coming event),
OB1_RESERVED_1	Byte	1.0		1 (Cold restart scan 1 of OB 1
OB1_RESERVED_2				
OB1_PREV_CYCLE	Byte	2.0		Priority of OB Execution
OB1_MIN_CYCLE				
OB1_MAX_CYCLE	Byte	3.0		1 (Organization block 1, OB 1
OB1_DATE_TIME				
Constant	Byte	4.0		Reserved for system

Network 1:

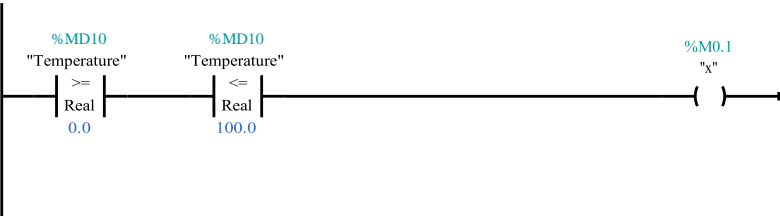
Int	6.0		Cycle time of previous OB1 s
Int	8.0		Minimum cycle time of OB1
Int	10.0		Maximum cycle time of OB1
Date_And_Time	12.0		Date and time OB1 started

Symbol
"Error"
"Input Temperature"
"Tag_1"
"Temperature"



Address	Type	Comment
%MW2	Word	
%IW752	Int	
%M0.0	Bool	
%MD10	Real	

Network 2:



Address	Type	Comment
%MD10	Real	
%M0.1	Bool	

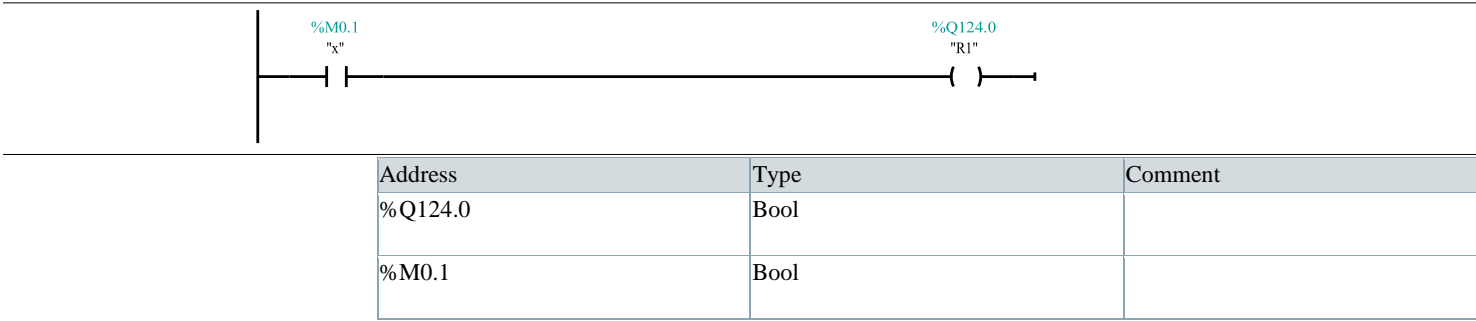
Symbol
"Temperature"
"x"

Network 3:

Symbol

"R1"

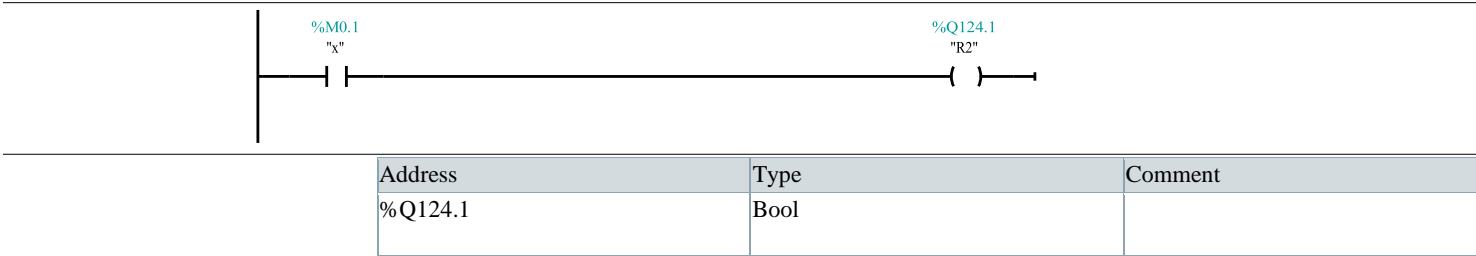
"x"



Network 4:

Symbol

"R2"



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Symbol

"x"

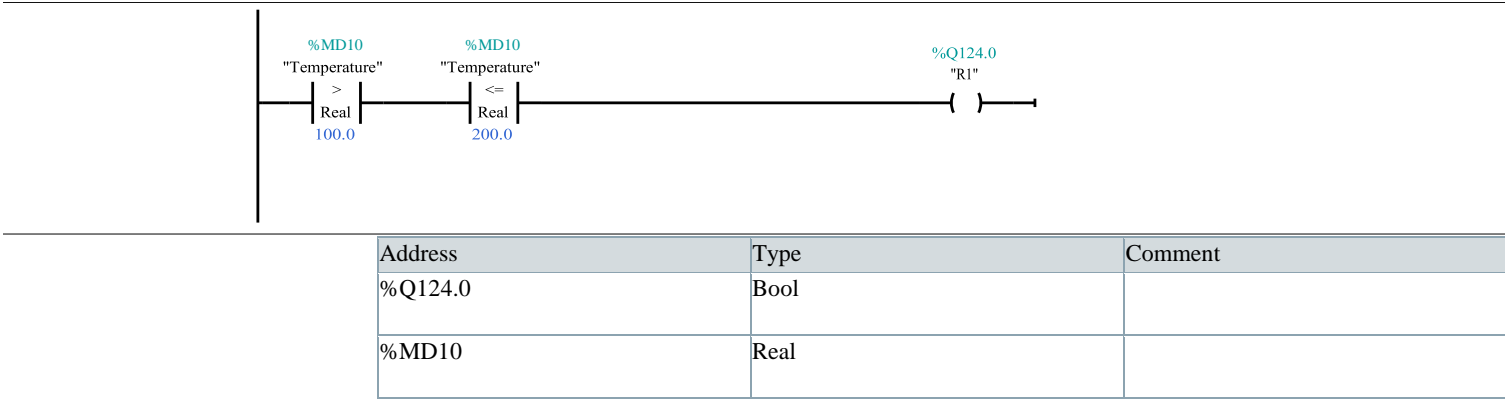
Address	Type	Comment
%M0.1	Bool	

Network 5:

Symbol

"R1"

"Temperature"

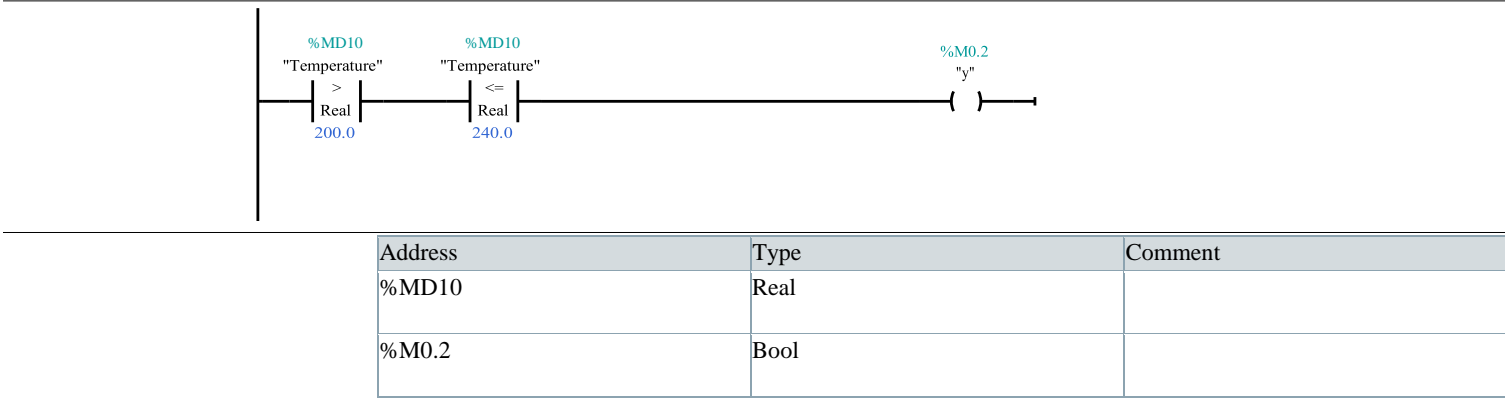


Network 6:

Symbol

"Temperature"

"y"

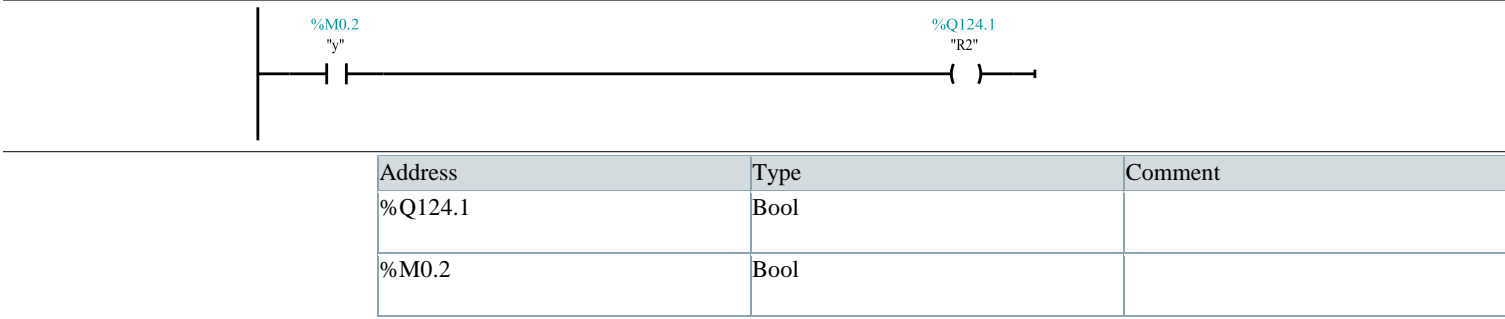


Network 7:

Symbol

"R2"

"y"



Network 8:

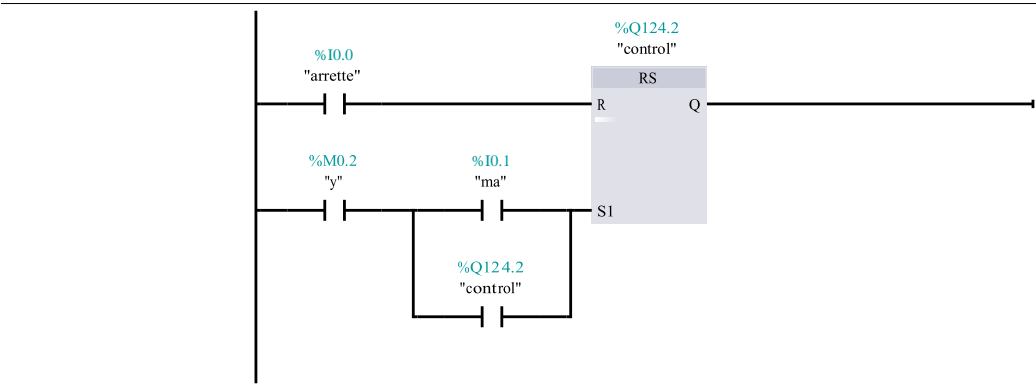
Symbol

"arrette"

"control"

"ma"

"y"



Address	Type	Comment
%I0.0	Bool	
%Q124.2	Bool	
%I0.1	Bool	
%M0.2	Bool	

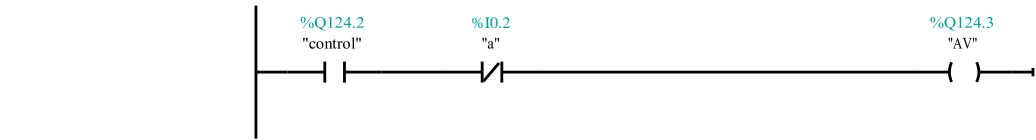
Network 9:

Symbol

"a"

"AV"

"control"



Address	Type	Comment
%I0.2	Bool	
%Q124.3	Bool	
%Q124.2	Bool	

Network 10:

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Symbol

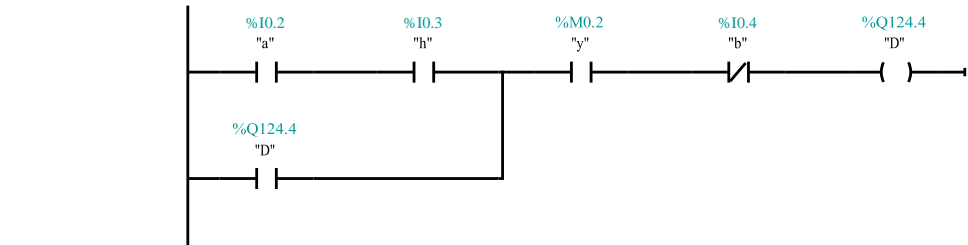
"a"

"b"

"D"

"h"

"y"



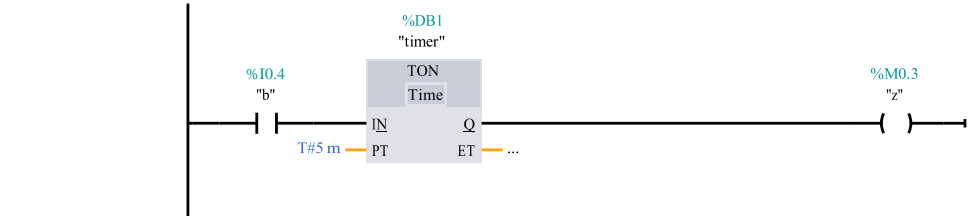
Address	Type	Comment
%I0.2	Bool	
%I0.4	Bool	
%Q124.4	Bool	
%I0.3	Bool	
%M0.2	Bool	

Network 11:

Symbol

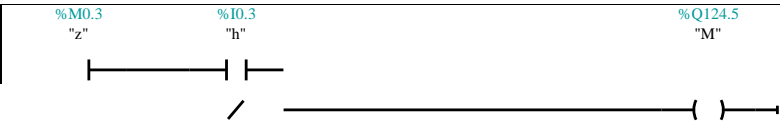
"b"

"z"



Address	Type	Comment
%I0.4	Bool	
%M0.3	Bool	

Network 12:



Symbol	Address	Type	Comment
"h"	%I0.3	Bool	
"M"	%Q124.5	Bool	
"z"	%M0.3	Bool	

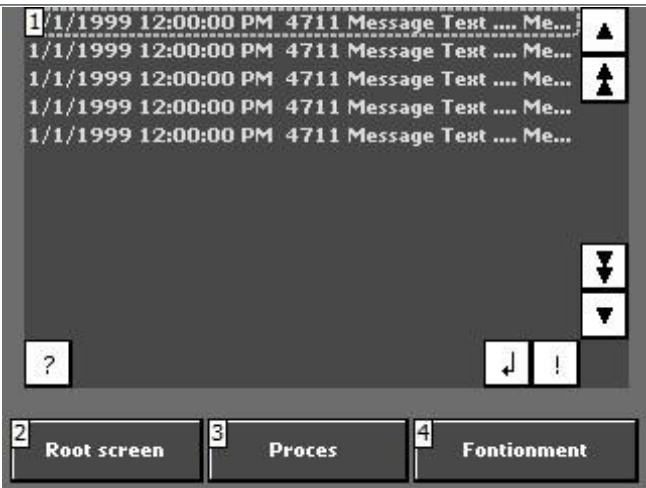
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Screens

Alarme

Hardcopy of Alarme



Background color	109, 109, 109	Grid color	18
Number	3	Template	

Name
Tooltip

Alar

Alarm view_1

Type

X position

Layer

Alarm view_11

ayer_0

Source of alarms

Alarms

Button_1

Type

X position

Mode

Button_4

Text OFF

Root screen

Text ON

Dynamizations\

Event Event name

Click

Function list\ActivateScreen

Screen name

Root screen

Object number

0

Button_2

Type

X position

Mode

Button_102

Text OFF

Proces

Text ON

Dynamizations\

Event Event name

Click

Function list\ActivateScreen

Screen name

Proces de Preparation

Object number

0

Button_3

Type

X position

Mode

Button_204

Text OFF

Fontionment

Text ON

Dynamizations\

Event Event name

Click

Function list\ActivateScreen

Screen name

Fontionment

Object number

0

Screens

Fontionment

Hardcopy of Fontionment

ionment

1

Marche

2

Arrete

3

Proces

4

Alarme

5

Alarme

Avance Tapis

Decendre Bras

Monte Bras

Background color	109, 109, 109	Grid color	182, 18
Number	4	Template	

Name

Tooltip

Font

Button_1

Type	on	Name	Button_1	Y position
X position		Width	96	Height
Mode				
Butt		Text OFF	Marche	Text ON
20				
Text				

Dynamizations\Event

Event name

Press

Function list\SetBit

Tag

ma

Dynamizations\Event

Event name

Release

Function list\ResetBit

Tag

ma

Button_2

Type	on	Name	Button_2	Y position
X position		Width	96	Height
Mode				
Butt		Text OFF	Arrete	Text ON
21				
Text				

Dynamizations\Event

Event name

Press

Function list\SetBit

Tag

arrette

Dynamizations\Event

Event name

Release

Function list\ResetBit

Tag

arrette

Ellipse_1					
Type	se	Name	Ellipse_1	Y position	20 28
X position		Width	50	Height	0, 0, 0
Layer					
Dynamizations\Appearance	ayer_0	Background color	255, 255, 255	Border color	
Tag - Cycle	ce				
Foreground color	0	Data type	Range	Range	0..0
Range		No			
Flashing		Background color	255, 255, 255	Flashing	0, 145, 8
Ellip		Foreground color	0, 0, 0	Background color	
255					
0 - L					
AV 0, 0,					
1..1	se	Name	Ellipse_2	Y position	53
No		Width	50	Height	28
Ellipse_2		Background color	255, 255, 255	Border color	0, 0, 0
Type	ayer_0				
X position	ce				
Layer	0	Data type	Range	Range	0..0
Dynamizations\Appearance		Background color	255, 255, 255	Flashing	No
Tag - Cycle		Foreground color	0, 0, 0	Background color	0, 145, 8
Foreground color					
Range					
Flashing					
Ellip					
255	se	Name	Ellipse_3	Y position	92 28
0 - L		Width	50	Height	0, 0, 0
D -		Background color	255, 255, 255	Border color	
0, 0,	ayer_0				
1..1	ce				
No			Data type	Range	Range
Ellipse_3					0..0
Type					
X position					
Layer					
Dynamizations\Appearance					
Tag - Cycle					
Ellip					
256					
0 - L M -					

Totally Integrated Automation Portal						
Foreground color		0, 0, 0	Background color	255, 255, 255	Flashing	No
Range		1..1	Foreground color	0, 0, 0	Background color	0, 145, 8
Flashing		No				
Button_4						
Type		Butt	on		Name	Button_4
X position		3			Width	107
Mode		Text			Y position	20
					Height	32
					Text OFF	Proces
					Text ON	Pr
Dynamizations\		Event Event name				
		Click				
Function list\		ActivateScreen				
Screen name		Proces de Preparation		Object number		
				0		
Button_5						
Type		Butt	on	Name	Button_5	Y position
X position		112		Width	105	Height
Mode		Text		Text OFF	Alarme	Text ON
Dynamizations\		Event Event name				
		Click				
Function list\		ActivateScreen				

Screen name

Alarme

Object number

0

Button_6

Type

X position

Mode

Butt

219

Text

on	Name	Button_6	Y position
	Width	97	Height
	Text OFF	Alarme	Text ON

Dynamizations\

Event Event name

Click

Function list\ActivateScreen

Screen name

Alarme

Object number

0

Text field_1

Type

X position

Layer

Text

166

0 - L

field	Name	Text field_1	Y position
	Width	81	Height
ayer_0	Font	Tahoma, 12px, style=Bold	Text

Text field_2

Type

X position

Layer

Text

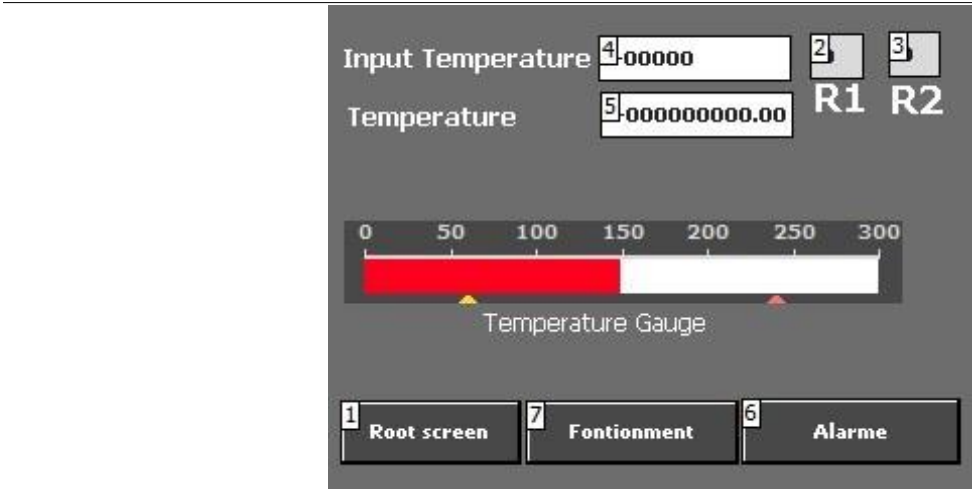
167

0 - L

field	Name	Text field_2	Y position
	Width	89	Height
ayer_0	Font	Tahoma, 12px, style=Bold	Text

Text field_4					
Type	Text field	Name	Text field_4	Y position	99
X position	169	Width	72	Height	16
Layer	0 - Layer_0	Font	Tahoma, 12px, style=Bold	Text	Monte Bras

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Name
Tooltip

Proc	es de Preparation	Background color	109, 109, 109	Grid color	18
		Number	2	Template	

Button_1
Type
X position
Mode

Butt 6 Text	on	Name	Button_1	Y position
		Width	90	Height
		Text OFF	Root screen	Text ON

Dynamizations\Event	Event name
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		Click
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Function list\ActivateS	creen
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Screen name

Root screen	Object number
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0

Text field_1
Type
X position
Layer

Text 241 0 - L	field	Name	Text field_1	Y position
		Width	46	Height
	ayer_0	Font	Tahoma, 19px, style=Bold	Text

Text field_2
Type
X position
Layer

Text 279 0 - L	field	Name	Text field_2	Y position
		Width	28	Height
	ayer_0	Font	Tahoma, 19px, style=Bold	Text

Type
X position
Minimum value
Dynamizations\Tag com
Property name

Bar 8 0			Name	Temperature	Y position
			Width	277	Height
			Maximum value	300	Process value
Proc		ection			
			ess value	Tag	Temperature

Text field_3
Type
X position
Layer

Text 77 0 - L	field	Name	Text field_3	Y position
		Width	113	Height
	ayer_0	Font	Tahoma, 12px	Text

Type

X position

Layer

Dynamizations\Tag conn

Property name

I/O field_1

Dynamizations\Appearan

Tag - Cycle

I/O fi

Foreground color

239

Range

0 - L

Flashing

Proc

Type

R1 36,

Layer

1..1

Dynamizations\Tag conn

No

Property name

I/O field_2

Dynamizations\Appearan

Tag - Cycle

I/O fi

Foreground color

278

Range

0 - L

Flashing

Proc

Type

R2 36,

Layer

1..1

Dynamizations\Tag conn

No

I/O field_3

I/O fi

eld

Name

I/O field_1

Y position

14

Width

27

Height

23

Ta

ayer_0

Mode

Input/output

Font

ection

ess value

Tag

R1

ce

Data type

Range

Range

0.

N

Background color

255, 255, 255

Flashing

0,

Foreground color

36, 36, 36

Background color

eld

Name

I/O field_2

Y position

13

Width

26

Height

23

Ta

ayer_0

Mode

Input/output

Font

ection

ess value

Tag

R2

ce

Data type

Range

Range

0.

N

Background color

255, 255, 255

Flashing

0,

Foreground color

36, 36, 36

Background color

eld

Name

I/O field_3

Y position

15

Totally Integrated Automation Portal

X position

Layer

Dynamizations\Tag com

Property name

134

0 - L

Proc

I/O field_4

Type

X position

Layer

Dynamizations\Tag com

Property name

135

0 - L

Proc

Text field_4

Type

X position

Layer

Text field_5

Type

X position

Layer

Button_2

Type

X position

Mode

205

Text

Dynamizations\Event

Event name

Width

96

Height

23

Ta

ayer_0

Mode

Input/output

Font

ection

ess value

Tag

Input Temperature

eld

Name

I/O field_4

Y position

43

Width

96

Height

23

Ta

ayer_0

Mode

Input/output

Font

ection

ess value

Tag

Temperature

field

Name

Text field_4

Y position

8

Width

125

Height

ayer_0

Font

Tahoma, 13px, style=Bold

Text

field

Name

Text field_5

Y position

6

Width

90

Height

ayer_0

Font

Tahoma, 13px, style=Bold

Text

on

Name

Button_2

Y position

Width

109

Height

Text OFF

Alarme

Text ON

Click

Function list\ActivateScreen

Screen name

Alarme

Object number

0

Softkey_F1

Type

Function key

Button_3

Type	on	Name	Button_3	Y position
X position	Butt 98	Width	106	Height
Mode	Text	Text OFF	Fontionment	Text ON

Dynamizations\Event

Event name

Click

Function list\ActivateScreen

Screen name

Fontionment

Object number

0

Screens

Root screen

Hardcopy of Root scr



Name
Tooltip

Button_1
Type
X position
Mode

Dynamizations\	Event	Event name
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Function list\ActivateS

Screen name

Button_2
Type
X position
Mode

Dynamizations\	Event	Event name
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Function list\ActivateS

Screen name

Text field_1

Type
X position
Layer

Text field_2

Type
X position
Layer

Text field_3

Type
X position
Layer

Text field_4

Type
X position
Layer

Open

			
screen	Background color	109, 109, 109	Grid color
	Number	1	Template

Root

on	Name	Button_1	Y position
Butt 5	Width	94	Height
Text	Text OFF	Process	Text ON

Dynamizations\	Event	Event name
		Click

screen

Proces de Preparation	Object number
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on	Name	Button_2	Y position
Butt 212	Width	103	Height
Text	Text OFF	Alarme	Text ON

Dynamizations\	Event	Event name
		Click

screen

Alarme	Object number
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Text 6	field	Name	Text field_1	Y position
0 - L		Width	119	Height
	ayer_0	Font	Tahoma, 21px, style=Underline	Text

Text 7	field	Name	Text field_2	Y position
0 - L		Width	208	Height
	ayer_0	Font	Tahoma, 12px, style=Bold	Text

Text 2	field	Name	Text field_3	Y position
0 - L		Width	187	Height
	ayer_0	Font	Tahoma, 12px	Text

Text 260	field	Name	Text field_4	Y position
0 - L		Width	9	Height
	ayer_0	Font	Tahoma, 9px, style=Bold	Text

Text field_5
Type
X position
Layer

Text field_6
Type
X position
Layer

Button_3
Type
X position
Mode

Text 3 0 - L	field	Name	Text field_5	Y position
		Width	108	Height
	ayer_0	Font	Tahoma, 12px	Text

Text 3 0 - L	field	Name	Text field_6	Y position
		Width	147	Height
	ayer_0	Font	Tahoma, 12px	Text

Butt 102 Text	on		Name	Button_3	Y position	10
			Width	107	Height	32
			Text OFF	Fontionment	Text ON	F

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Totally Integrated Automation Portal		
Dynamizations\Event		
Event name	Click	
Function list\ActivateScreen		
Screen name	Fontionment	Object number 0