

Project Documentation

File: Projekt_3_Kuligowski.project
Date: 2021-05-16
Profile: CODESYS V3.5 SP15 Patch 4

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1 Device: CODESYS_HMI

Users and Groups

Users:

Groups:

Access Rights

View

Modify

Execute

Add/remove children

Symbol Rights

Information

Name: CODESYS HMI
Vendor: 3S - Smart Software Solutions GmbH
Categories: HMI devices
Type: 4101
ID: 0000 0001
Version: 3.5.15.40
Order number: 311000
Description: CODESYS V3 HMI

1.1 PLC Logic: Plc Logic

1.1.1 Application: Application

1.1.1.1 Data Sources Manager: DatasourcesManager

1.1.1.1.1 Data source: Datasource

1.1.1.2 Folder: DataSources_Objects

1.1.1.2.1 DUT: GeneratedType_2

```
1      //Code generated by Data Sources.
2      //Modifying generated code is not recommended!
3      TYPE GeneratedType_2 :
4      STRUCT
5          PLC_PRG : GeneratedType_3 ;
6      END_STRUCT
7      END_TYPE
8
```

1.1.1.2.2 DUT: GeneratedType_3

```
1      //Code generated by Data Sources.
2      //Modifying generated code is not recommended!
3      TYPE GeneratedType_3 :
4      STRUCT
5          Praca : BOOL ;
6          schowany_A : BOOL ;
7          schowany_B : BOOL ;
8          wsuw_A : BOOL ;
9          wsuw_B : BOOL ;
10         Wybor_Cyklu : BOOL ;
11         wysunienty_A : BOOL ;
12         wysunienty_B : BOOL ;
13         wysuw_A : BOOL ;
14         wysuw_B : BOOL ;
15         X : BOOL ;
16     END_STRUCT
17     END_TYPE
18
```

1.1.1.2.3 Global Variable List: Datasource

```
1      //Code generated by Data Sources.
2      //Modifying generated code is not recommended!
3
4      VAR_GLOBAL
5          Application : GeneratedType_2 ;
6      END_VAR
7
```

1.1.1.2.4 Global Variable List: DatasourceConstants

```
1      //Code generated by Data Sources.
2      //Modifying generated code is not recommended!
3      VAR_GLOBAL CONSTANT
4          {implicit on}
5          Application : BOOL := FALSE ;
6          {implicit of}
7      END_VAR
8
```

1.1.1.3 Task Configuration: Task configuration

Max. number of tasks: 100
Max. number of cyclic tasks: 100
Max. number of freewheeling tasks: 100
Max. number of event tasks: 100
Max. number of status tasks: 100

System Events:

1.1.1.3.1 Task: DatasourcesTask

Priority: 31
Type: Cyclic
Interval: 50 Unit: ms
Watchdog: Inactive
POUs: Datasources.Datasources_PRG

1.1.1.3.1.1 Program Call: Datasources.Datasources_PRG

1.1.1.3.2 Task: VISU_TASK

Priority: 31
Type: Cyclic
Interval: 100 Unit: ms
Watchdog: Inactive
POUs: VisuElems.Visu_Prg

1.1.1.3.2.1 Program Call: VisuElems.Visu_Prg

1.1.1.4 Visualization Manager: Visualization Manager

Settings

Use CurrentVisu variable: False
Selected style: Basic style, 3.5.14.0 (3S-Smart Software Solutions GmbH)
Numpad: VisuDialogs.Numpad
Keypad: VisuDialogs.Keypad
Use text input with limits: False
Dialog for text input with limits: VisuDialogs.TextInputWithLimits
Support touch input (single/multi-touch): False
Support of semi-transparency: True
Login dialog: VisuUserManagement.VUM_Login
Change password dialog: VisuUserManagement.VUM_ChangePassword
Change configuration dialog: VisuUserManagement.VUM_UserManagement
Advanced settings: False
Size of memory for visualization: 400000
Size of paintbuffer (per client): 50000
File TransferMode: Transfer visualization files to the PLC
Maximum number of visualization clients: 100
Transfer svg and converted images to plc: False
Global open numpad/keypad type: OpenCentered

User Management

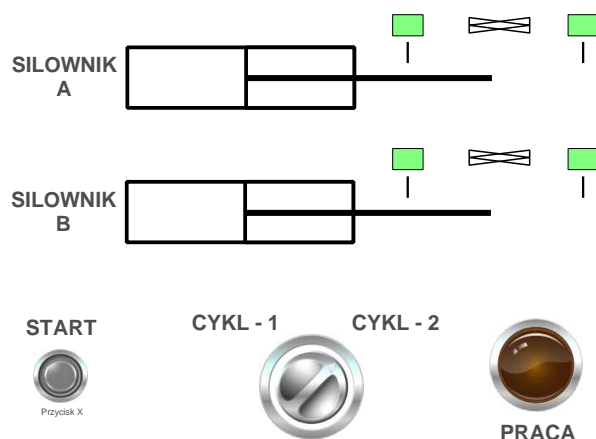
Settings in case of several applications
User management in PLC: True
User management data: Local

Font Settings: Language specific font settings

1.1.1.4.1 TargetVisu: TargetVisu

1.1.1.4.2 WebVisu: WebVisu

1.1.1.5 Visualization: Visualization



General

Visualization size algorithm version: Respecting scrollbar location

Background

Use background color: False

Background color: 16777215

Interface

VAR_IN_OUT

END_VAR

Visual Element List

* RotarySwitch Id: 0

Element name: GenElemInst_1

Type of element: RotarySwitch

Static optimized: False

Position

X: 421

Y: 492

Width: 139

Height: 140

Variable: Application.PLC_PRG.Wybor_Cyklu

Image settings

Transparent: False

Transparent color: Black

Isotropic type: Isotropic

Horizontal alignment: Left

Vertical alignment: Top

Element behavior: Image toggler

Tap FALSE: False

Orientation: At top

Color change: False
Background
Image: Gray
● PushSwitch Id: 1
Element name: GenElemInst_2
Type of element: PushSwitch
Static optimized: False
Position
X: 122
Y: 511
Width: 79
Height: 72
Variable: Application.PLC_PRG.X
Image settings
Transparent: False
Transparent color: Black
Isotropic type: Isotropic
Horizontal alignment: Left
Vertical alignment: Top
Element behavior: Image tapper
Tap FALSE: False
Background
Image: Gray
T Label Id: 2
Element name: GenElemInst_4
Type of element: Label
Static optimized: True
Text ID: 538
Texts
Text: START
Position
X: 84
Y: 469
Width: 150
Height: 30
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default
Font: Arial;28;Bold;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
T Label Id: 5
Element name: GenElemInst_6
Type of element: Label
Static optimized: True
Text ID: 698
Texts
Text: Przycisk X
Position
X: 85
Y: 581
Width: 150
Height: 30
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default

1.1.1.5 Visualization: Visualization

Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
T Label Id: 7
Element name: GenElemInst_8
Type of element: Label
Static optimized: True
Text ID: 435
Texts
Text: CYKL - 1
Position
X: 315
Y: 463
Width: 150
Height: 30
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default
Font: Arial;28;Bold;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
T Label Id: 9
Element name: GenElemInst_10
Type of element: Label
Static optimized: True
Text ID: 862
Texts
Text: CYKL - 2
Position
X: 527
Y: 463
Width: 150
Height: 30
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default
Font: Arial;28;Bold;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
■ Rectangle Id: 11
Element name: GenElemInst_12
Static optimized: True
Type of element: Rectangle
Position
X: 247
Y: 111
Width: 300
Height: 80
Angle: 0
Radius setting
Radius: From style
Value: 5
Center
X: 397
Y: 151
Colors

Normal state
 Frame color
 Transparency: 255
 Fill color
 Transparency: 255
Alarm state
 Frame color
 Transparency: 255
 Fill color
 Transparency: 255
Use gradient color: False
Gradient setting
 Gradient
 Color1: Color [Black]
 Color2: Color [White]
 Brightnesscolor: Color [Black]
Element look
 Line width: 5
 Fill attributes: Filled
 Line style: Solid
Text properties
 Horizontal alignment: Centered
 Vertical alignment: Centered
 Text format: Default
 Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
 Font color
 Transparency: 255
Absolute movement
 Use REAL values: False
Font variables
 Size: , <pt>
Color variables
 Toggle color: <toggle/tap variable>
Input configuration
 OnDialogClosed: Configure...
 OnMouseClicked: Configure...
 OnMouseDown: Configure...
 OnMouseEnter: Configure...
 OnMouseLeave: Configure...
 OnMouseMove: Configure...
 OnMouseUp: Configure...
 Tap
 Tap FALSE: False
 Tap on enter if captured: False
 Toggle
 Toggle on up if captured: False
✓Line Id: 13
Element name: GenElemInst_14
Type of element: Line
Static optimized: True
Position
 Points
 [0]
 X: 528
 Y: 136
 Angle: 0
Center
 X: 528

Y: 136
Colors
Color
Transparency: 255
Alarm color
Transparency: 255
Element look
Line width: 0
Line style: Solid
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default
Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
Absolute movement
Use REAL values: False
Font variables
Size: , <pt>
Color variables
Toggle color: <toggle/tap variable>
Input configuration
OnDialogClosed: Configure...
OnMouseClicked: Configure...
OnMouseDown: Configure...
OnMouseEnter: Configure...
OnMouseLeave: Configure...
OnMouseMove: Configure...
OnMouseUp: Configure...
Tap
Tap FALSE: False
Tap on enter if captured: False
Toggle
Toggle on up if captured: False
■Rectangle Id: 21
Element name: GenElemInst_22
Static optimized: True
Type of element: Rectangle
Position
X: 404
Y: 111
Width: 143
Height: 80
Angle: 0
Radius setting
Radius: From style
Value: 5
Center
X: 475
Y: 151
Colors
Normal state
Frame color
Transparency: 255
Fill color
Transparency: 255
Alarm state

Frame color
 Transparency: 255
Fill color
 Transparency: 255
Use gradient color: False
Gradient setting
 Gradient
 Color1: Color [Black]
 Color2: Color [White]
 Brightnesscolor: Color [Black]
Element look
 Line width: 5
 Fill attributes: Filled
 Line style: Solid
Text properties
 Horizontal alignment: Centered
 Vertical alignment: Centered
 Text format: Default
 Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
 Transparency: 255
Absolute movement
 Use REAL values: False
Font variables
 Size: , <pt>
Color variables
 Toggle color: <toggle/tap variable>
Input configuration
 OnDialogClosed: Configure...
 OnMouseClicked: Configure...
 OnMouseDown: Configure...
 OnMouseEnter: Configure...
 OnMouseLeave: Configure...
 OnMouseMove: Configure...
 OnMouseUp: Configure...
Tap
 Tap FALSE: False
 Tap on enter if captured: False
Toggle
 Toggle on up if captured: False
✓Line Id: 14
Element name: GenElemInst_15
Type of element: Line
Static optimized: True
Position
 Points
 [0]
 X: 405
 Y: 152
 [1]
 X: 730
 Y: 152
 Angle: 0
Center
 X: 567
 Y: 152
Colors
 Color

Transparency: 255
Alarm color
Transparency: 255
Element look
Line width: 8
Line style: Solid
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default
Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
Absolute movement
Use REAL values: False
Font variables
Size: , <pt>
Color variables
Toggle color: <toggle/tap variable>
Input configuration
OnDialogClosed: Configure...
OnMouseClicked: Configure...
OnMouseDown: Configure...
OnMouseEnter: Configure...
OnMouseLeave: Configure...
OnMouseMove: Configure...
OnMouseUp: Configure...
Tap
Tap FALSE: False
Tap on enter if captured: False
Toggle
Toggle on up if captured: False
■ Rectangle Id: 23
Element name: GenElemInst_24
Static optimized: True
Type of element: Rectangle
Position
X: 246
Y: 290
Width: 300
Height: 80
Angle: 0
Radius setting
Radius: From style
Value: 5
Center
X: 396
Y: 330
Colors
Normal state
Frame color
Transparency: 255
Fill color
Transparency: 255
Alarm state
Frame color
Transparency: 255
Fill color

Transparency: 255
Use gradient color: False
Gradient setting
Gradient
Color1: Color [Black]
Color2: Color [White]
Brightnesscolor: Color [Black]
Element look
Line width: 5
Fill attributes: Filled
Line style: Solid
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default
Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
Absolute movement
Use REAL values: False
Font variables
Size: , <pt>
Color variables
Toggle color: <toggle/tap variable>
Input configuration
OnDialogClosed: Configure...
OnMouseClicked: Configure...
OnMouseDown: Configure...
OnMouseEnter: Configure...
OnMouseLeave: Configure...
OnMouseMove: Configure...
OnMouseUp: Configure...
Tap
Tap FALSE: False
Tap on enter if captured: False
Toggle
Toggle on up if captured: False
/Line Id: 25
Element name: GenElemInst_26
Type of element: Line
Static optimized: True
Position
Points
[0]
X: 527
Y: 315
Angle: 0
Center
X: 527
Y: 315
Colors
Color
Transparency: 255
Alarm color
Transparency: 255
Element look
Line width: 0
Line style: Solid

Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default
Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
Absolute movement
Use REAL values: False
Font variables
Size: , <pt>
Color variables
Toggle color: <toggle/tap variable>
Input configuration
OnDialogClosed: Configure...
OnMouseClicked: Configure...
OnMouseDown: Configure...
OnMouseEnter: Configure...
OnMouseLeave: Configure...
OnMouseMove: Configure...
OnMouseUp: Configure...
Tap
Tap FALSE: False
Tap on enter if captured: False
Toggle
Toggle on up if captured: False
■ Rectangle Id: 27
Element name: GenElemInst_28
Static optimized: True
Type of element: Rectangle
Position
X: 403
Y: 290
Width: 143
Height: 80
Angle: 0
Radius setting
Radius: From style
Value: 5
Center
X: 474
Y: 330
Colors
Normal state
Frame color
Transparency: 255
Fill color
Transparency: 255
Alarm state
Frame color
Transparency: 255
Fill color
Transparency: 255
Use gradient color: False
Gradient setting
Gradient
Color1: Color [Black]
Color2: Color [White]

Brightnesscolor: Color [Black]
Element look
Line width: 5
Fill attributes: Filled
Line style: Solid
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default
Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
Absolute movement
Use REAL values: False
Font variables
Size: , <pt>
Color variables
Toggle color: <toggle/tap variable>
Input configuration
OnDialogClosed: Configure...
OnMouseClicked: Configure...
OnMouseDown: Configure...
OnMouseEnter: Configure...
OnMouseLeave: Configure...
OnMouseMove: Configure...
OnMouseUp: Configure...
Tap
Tap FALSE: False
Tap on enter if captured: False
Toggle
Toggle on up if captured: False
✓Line Id: 29
Element name: GenElemInst_30
Type of element: Line
Static optimized: True
Position
Points
[0]
X: 404
Y: 331
[1]
X: 729
Y: 331
Angle: 0
Center
X: 566
Y: 331
Colors
Color
Transparency: 255
Alarm color
Transparency: 255
Element look
Line width: 8
Line style: Solid
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered

Text format: Default
Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
Absolute movement
Use REAL values: False
Font variables
Size: , <pt>
Color variables
Toggle color: <toggle/tap variable>
Input configuration
OnDialogClosed: Configure...
OnMouseClicked: Configure...
OnMouseDown: Configure...
OnMouseEnter: Configure...
OnMouseLeave: Configure...
OnMouseMove: Configure...
OnMouseUp: Configure...
Tap
Tap FALSE: False
Tap on enter if captured: False
Toggle
Toggle on up if captured: False
T Label Id: 31
Element name: GenElemInst_32
Type of element: Label
Static optimized: True
Text ID: 979
Texts
Text: SILOWNIK A
Position
X: 79
Y: 116
Width: 168
Height: 71
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Line break
Font: Arial;28;Bold;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
T Label Id: 33
Element name: GenElemInst_34
Type of element: Label
Static optimized: True
Text ID: 755
Texts
Text: SILOWNIK B
Position
X: 78
Y: 295
Width: 168
Height: 71
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Line break

1.1.1.5 Visualization: Visualization

Font: Arial;28;Bold;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
/Line Id: 37
Element name: GenElemInst_38
Type of element: Line
Static optimized: True
Position
Points
[0]
X: 619
Y: 311
[1]
X: 619
Y: 283
Angle: 0
Center
X: 619
Y: 297
Colors
Color
Transparency: 255
Alarm color
Transparency: 255
Element look
Line width: 3
Line style: Solid
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default
Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
Absolute movement
Use REAL values: False
Font variables
Size: , <pt>
Color variables
Toggle color: <toggle/tap variable>
Input configuration
OnDialogClosed: Configure...
OnMouseClicked: Configure...
OnMouseDown: Configure...
OnMouseEnter: Configure...
OnMouseLeave: Configure...
OnMouseMove: Configure...
OnMouseUp: Configure...
Tap
Tap FALSE: False
Tap on enter if captured: False
Toggle
Toggle on up if captured: False
/Line Id: 39
Element name: GenElemInst_40
Type of element: Line
Static optimized: True
Position

Points
[0]
X: 851
Y: 311
[1]
X: 851
Y: 283
Angle: 0
Center
X: 851
Y: 297
Colors
Color
Transparency: 255
Alarm color
Transparency: 255
Element look
Line width: 3
Line style: Solid
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default
Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
Absolute movement
Use REAL values: False
Font variables
Size: , <pt>
Color variables
Toggle color: <toggle/tap variable>
Input configuration
OnDialogClosed: Configure...
OnMouseClicked: Configure...
OnMouseDown: Configure...
OnMouseEnter: Configure...
OnMouseLeave: Configure...
OnMouseMove: Configure...
OnMouseUp: Configure...
Tap
Tap FALSE: False
Tap on enter if captured: False
Toggle
Toggle on up if captured: False
■Rectangle Id: 44
Element name: GenElemInst_45
Static optimized: False
Type of element: Rectangle
Position
X: 599
Y: 246
Width: 40
Height: 28
Angle: 0
Radius setting
Radius: From style
Value: 5

Center
X: 619
Y: 260
Colors
Normal state
Frame color
Transparency: 255
Fill color
Transparency: 255
Alarm state
Frame color
Transparency: 255
Fill color
Transparency: 255
Use gradient color: False
Gradient setting
Gradient
Color1: Color [Black]
Color2: Color [White]
Brightnesscolor: Color [Black]
Element look
Line width: 0
Fill attributes: Filled
Line style: Solid
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default
Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
Absolute movement
Use REAL values: False
Font variables
Size: , <pt>
Color variables
Toggle color: <toggle/tap variable>
State variables
Invisible: NOT Application.PLC_PRG.schowany_B
Input configuration
OnDialogClosed: Configure...
OnMouseClicked: Configure...
OnMouseDown: Configure...
OnMouseEnter: Configure...
OnMouseLeave: Configure...
OnMouseMove: Configure...
OnMouseUp: Configure...
Tap
Tap FALSE: False
Tap on enter if captured: False
Toggle
Toggle on up if captured: False
■ Rectangle Id: 46
Element name: GenElemInst_47
Static optimized: False
Type of element: Rectangle
Position
X: 831

Y: 246
Width: 40
Height: 28
Angle: 0
Radius setting
 Radius: From style
 Value: 5
Center
 X: 851
 Y: 260
Colors
 Normal state
 Frame color
 Transparency: 255
 Fill color
 Transparency: 255
 Alarm state
 Frame color
 Transparency: 255
 Fill color
 Transparency: 255
Use gradient color: False
Gradient setting
 Gradient
 Color1: Color [Black]
 Color2: Color [White]
 Brightnesscolor: Color [Black]
Element look
 Line width: 0
 Fill attributes: Filled
 Line style: Solid
Text properties
 Horizontal alignment: Centered
 Vertical alignment: Centered
 Text format: Default
 Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
 Font color
 Transparency: 255
Absolute movement
 Use REAL values: False
Font variables
 Size: , <pt>
Color variables
 Toggle color: <toggle/tap variable>
State variables
 Invisible: NOT Application.PLC_PRG.wysunienty_B
Input configuration
 OnDialogClosed: Configure...
 OnMouseClicked: Configure...
 OnMouseDown: Configure...
 OnMouseEnter: Configure...
 OnMouseLeave: Configure...
 OnMouseMove: Configure...
 OnMouseUp: Configure...
Tap
 Tap FALSE: False
 Tap on enter if captured: False
Toggle

Toggle on up if captured: False

✓Line Id: 48

Element name: GenElemInst_49

Type of element: Line

Static optimized: True

Position

Points

[0]

X: 619

Y: 132

[1]

X: 619

Y: 104

Angle: 0

Center

X: 619

Y: 118

Colors

Color

Transparency: 255

Alarm color

Transparency: 255

Element look

Line width: 3

Line style: Solid

Text properties

Horizontal alignment: Centered

Vertical alignment: Centered

Text format: Default

Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]

Font color

Transparency: 255

Absolute movement

Use REAL values: False

Font variables

Size: , <pt>

Color variables

Toggle color: <toggle/tap variable>

Input configuration

OnDialogClosed: Configure...

OnMouseClicked: Configure...

OnMouseDown: Configure...

OnMouseEnter: Configure...

OnMouseLeave: Configure...

OnMouseMove: Configure...

OnMouseUp: Configure...

Tap

Tap FALSE: False

Tap on enter if captured: False

Toggle

Toggle on up if captured: False

✓Line Id: 50

Element name: GenElemInst_51

Type of element: Line

Static optimized: True

Position

Points

[0]

X: 851
Y: 132
[1]
X: 851
Y: 104
Angle: 0
Center
X: 851
Y: 118
Colors
Color
Transparency: 255
Alarm color
Transparency: 255
Element look
Line width: 3
Line style: Solid
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default
Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
Absolute movement
Use REAL values: False
Font variables
Size: , <pt>
Color variables
Toggle color: <toggle/tap variable>
Input configuration
OnDialogClosed: Configure...
OnMouseClicked: Configure...
OnMouseDown: Configure...
OnMouseEnter: Configure...
OnMouseLeave: Configure...
OnMouseMove: Configure...
OnMouseUp: Configure...
Tap
Tap FALSE: False
Tap on enter if captured: False
Toggle
Toggle on up if captured: False
■ Rectangle Id: 52
Element name: GenElemInst_53
Static optimized: False
Type of element: Rectangle
Position
X: 599
Y: 68
Width: 40
Height: 28
Angle: 0
Radius setting
Radius: From style
Value: 5
Center
X: 619

Y: 82
Colors
 Normal state
 Frame color
 Transparency: 255
 Fill color
 Transparency: 255
 Alarm state
 Frame color
 Transparency: 255
 Fill color
 Transparency: 255
Use gradient color: False
Gradient setting
 Gradient
 Color1: Color [Black]
 Color2: Color [White]
 Brightnesscolor: Color [Black]
Element look
 Line width: 0
 Fill attributes: Filled
 Line style: Solid
Text properties
 Horizontal alignment: Centered
 Vertical alignment: Centered
 Text format: Default
 Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
 Font color
 Transparency: 255
Absolute movement
 Use REAL values: False
Font variables
 Size: , <pt>
Color variables
 Toggle color: <toggle/tap variable>
State variables
 Invisible: NOT Application.PLC_PRG.schowany_A
Input configuration
 OnDialogClosed: Configure...
 OnMouseClicked: Configure...
 OnMouseDown: Configure...
 OnMouseEnter: Configure...
 OnMouseLeave: Configure...
 OnMouseMove: Configure...
 OnMouseUp: Configure...
 Tap
 Tap FALSE: False
 Tap on enter if captured: False
 Toggle
 Toggle on up if captured: False
■ Rectangle Id: 54
 Element name: GenElemInst_55
 Static optimized: False
 Type of element: Rectangle
Position
 X: 831
 Y: 68
 Width: 40

Height: 28
Angle: 0
Radius setting
Radius: From style
Value: 5
Center
X: 851
Y: 82
Colors
Normal state
Frame color
Transparency: 255
Fill color
Transparency: 255
Alarm state
Frame color
Transparency: 255
Fill color
Transparency: 255
Use gradient color: False
Gradient setting
Gradient
Color1: Color [Black]
Color2: Color [White]
Brightnesscolor: Color [Black]
Element look
Line width: 0
Fill attributes: Filled
Line style: Solid
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default
Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
Absolute movement
Use REAL values: False
Font variables
Size: , <pt>
Color variables
Toggle color: <toggle/tap variable>
State variables
Invisible: NOT Application.PLC_PRG.wysunienty_A
Input configuration
OnDialogClosed: Configure...
OnMouseClicked: Configure...
OnMouseDown: Configure...
OnMouseEnter: Configure...
OnMouseLeave: Configure...
OnMouseMove: Configure...
OnMouseUp: Configure...
Tap
Tap FALSE: False
Tap on enter if captured: False
Toggle
Toggle on up if captured: False
Polyline Id: 82

Element name: GenElemInst_83
Static optimized: False
Type of element: Polyline
Position
Points
[0]
X: 700
Y: 82
[1]
X: 780
Y: 72
[2]
X: 780
Y: 92
[3]
X: 700
Y: 82
Angle: 0
Center
X: 740
Y: 82
Colors
Normal state
Frame color
Transparency: 255
Fill color
Transparency: 255
Alarm state
Frame color
Transparency: 255
Fill color
Transparency: 255
Element look
Line width: 2
Fill attributes: Filled
Line style: Solid
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default
Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
Absolute movement
Use REAL values: False
Font variables
Size: , <pt>
Color variables
Toggle color: <toggle/tap variable>
State variables
Invisible: NOT Application.PLC_PRG.wsuw_A
Input configuration
OnDialogClosed: Configure...
OnMouseClicked: Configure...
OnMouseDown: Configure...
OnMouseEnter: Configure...
OnMouseLeave: Configure...
OnMouseMove: Configure...

OnMouseUp: Configure...
Tap
Tap FALSE: False
Tap on enter if captured: False
Toggle
Toggle on up if captured: False
Polyline Id: 84
Element name: GenElemInst_85
Static optimized: False
Type of element: Polyline
Position
Points
[0]
X: 700
Y: 258
[1]
X: 780
Y: 248
[2]
X: 780
Y: 268
[3]
X: 700
Y: 258
Angle: 0
Center
X: 740
Y: 258
Colors
Normal state
Frame color
Transparency: 255
Fill color
Transparency: 255
Alarm state
Frame color
Transparency: 255
Fill color
Transparency: 255
Element look
Line width: 2
Fill attributes: Filled
Line style: Solid
Text properties
Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default
Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
Absolute movement
Use REAL values: False
Font variables
Size: , <pt>
Color variables
Toggle color: <toggle/tap variable>
State variables
Invisible: NOT Application.PLC_PRG.wsuw_B

Input configuration
 OnDialogClosed: Configure...
 OnMouseClicked: Configure...
 OnMouseDown: Configure...
 OnMouseEnter: Configure...
 OnMouseLeave: Configure...
 OnMouseMove: Configure...
 OnMouseUp: Configure...
Tap
 Tap FALSE: False
 Tap on enter if captured: False
Toggle
 Toggle on up if captured: False
✎Polyline Id: 86
 Element name: GenElemInst_87
 Static optimized: False
 Type of element: Polyline
Position
 Points
 [0]
 X: 700
 Y: 82
 [1]
 X: 780
 Y: 72
 [2]
 X: 780
 Y: 92
 [3]
 X: 700
 Y: 82
 Angle: 180
Center
 X: 740
 Y: 82
Colors
 Normal state
 Frame color
 Transparency: 255
 Fill color
 Transparency: 255
 Alarm state
 Frame color
 Transparency: 255
 Fill color
 Transparency: 255
Element look
 Line width: 2
 Fill attributes: Filled
 Line style: Solid
Text properties
 Horizontal alignment: Centered
 Vertical alignment: Centered
 Text format: Default
 Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
 Font color
 Transparency: 255
Absolute movement

Use REAL values: False
Font variables
Size: , <pt>
Color variables
Toggle color: <toggle/tap variable>
State variables
Invisible: NOT Application.PLC_PRG.wysuw_A
Input configuration
OnDialogClosed: Configure...
OnMouseClicked: Configure...
OnMouseDown: Configure...
OnMouseEnter: Configure...
OnMouseLeave: Configure...
OnMouseMove: Configure...
OnMouseUp: Configure...
Tap
Tap FALSE: False
Tap on enter if captured: False
Toggle
Toggle on up if captured: False
Polyline Id: 88
Element name: GenElemInst_89
Static optimized: False
Type of element: Polyline
Position
Points
[0]
X: 700
Y: 258
[1]
X: 780
Y: 248
[2]
X: 780
Y: 268
[3]
X: 700
Y: 258
Angle: 180
Center
X: 740
Y: 258
Colors
Normal state
Frame color
Transparency: 255
Fill color
Transparency: 255
Alarm state
Frame color
Transparency: 255
Fill color
Transparency: 255
Element look
Line width: 2
Fill attributes: Filled
Line style: Solid
Text properties

Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default
Font: Arial;12;Regular;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255
Absolute movement
Use REAL values: False
Font variables
Size: , <pt>
Color variables
Toggle color: <toggle/tap variable>
State variables
Invisible: NOT Application.PLC_PRG.wysuw_B
Input configuration
OnDialogClosed: Configure...
OnMouseClicked: Configure...
OnMouseDown: Configure...
OnMouseEnter: Configure...
OnMouseLeave: Configure...
OnMouseMove: Configure...
OnMouseUp: Configure...
Tap
Tap FALSE: False
Tap on enter if captured: False
Toggle
Toggle on up if captured: False
● Lamp1 Id: 89
Element name: GenElemInst_90
Type of element: Lamp1
Static optimized: False
Position
X: 726
Y: 470
Width: 131
Height: 125
Variable: Application.PLC_PRG.Praca
Image settings
Transparent: False
Transparent color: Black
Isotropic type: Isotropic
Horizontal alignment: Left
Vertical alignment: Top
Background
Image: Yellow
T Label Id: 91
Element name: GenElemInst_92
Type of element: Label
Static optimized: True
Text ID: 518
Texts
Text: PRACA
Position
X: 716
Y: 609
Width: 150
Height: 30
Text properties

Horizontal alignment: Centered
Vertical alignment: Centered
Text format: Default
Font: Arial;28;Bold;Font-Default-Color, Color [A=255, R=0, G=0, B=0]
Font color
Transparency: 255

2 Device: Device

Users and Groups

Users:

Groups:

Access Rights

View

/

cert

export

import

PlcLogic

ac_persistence

alarms

Application

trend

visu

_cnc

Device

PlcLogic

__Backup&Restore

Application

__C-ModuleIntegration__

UserManagement

PlcShell

X509

ImportCertificate

ExportCertificate

DeleteCertificate

MoveCertificate

ListCertificates

ListUseCases

CreateSelfSignedCertificate

CreateCertificateSigningRequest

GetStatus

RemoteConnections

OPCUAServer

Logger

Settings

Modify

/

```
cert
  export
  import
PlcLogic
  ac_persistence
  alarms
  Application
  trend
  visu
  _cnc
Device
  PlcLogic
    __Backup&Restore
    Application
    __C-ModuleIntegration__
  UserManagement
  PlcShell
  X509
    ImportCertificate
    ExportCertificate
    DeleteCertificate
    MoveCertificate
    ListCertificates
    ListUseCases
    CreateSelfSignedCertificate
    CreateCertificateSigningRequest
    GetStatus
  RemoteConnections
    OPCUAServer
  Logger
  Settings
Execute
/
  cert
    export
    import
  PlcLogic
    ac_persistence
    alarms
    Application
    trend
    visu
    _cnc
Device
  PlcLogic
    __Backup&Restore
    Application
    __C-ModuleIntegration__
  UserManagement
  PlcShell
  X509
    ImportCertificate
    ExportCertificate
    DeleteCertificate
    MoveCertificate
    ListCertificates
    ListUseCases
```


- CreateSelfSignedCertificate
- CreateCertificateSigningRequest
- GetStatus
- RemoteConnections
 - OPCUAServer
- Logger
- Settings
- Add/remove children**
- /
- cert
 - export
 - import
- PlcLogic
 - ac_persistence
 - alarms
 - Application
 - trend
 - visu
 - _cnc
- Device
 - PlcLogic
 - __Backup&Restore
 - Application
 - __C-ModuleIntegration__
 - UserManagement
 - PlcShell
 - X509
 - ImportCertificate
 - ExportCertificate
 - DeleteCertificate
 - MoveCertificate
 - ListCertificates
 - ListUseCases
 - CreateSelfSignedCertificate
 - CreateCertificateSigningRequest
 - GetStatus
 - RemoteConnections
 - OPCUAServer
 - Logger
 - Settings

Symbol Rights

Information

Name: CODESYS Control Win V3
Vendor: 3S - Smart Software Solutions GmbH
Categories: PLCs
Type: 4096
ID: 0000 0001
Version: 3.5.15.40
Order number: ???

Description: CODESYS V3 Soft-PLC for Windows with non realtime capabilities (CODESYS Control Win V3)

2.1 PLC Logic: Plc Logic

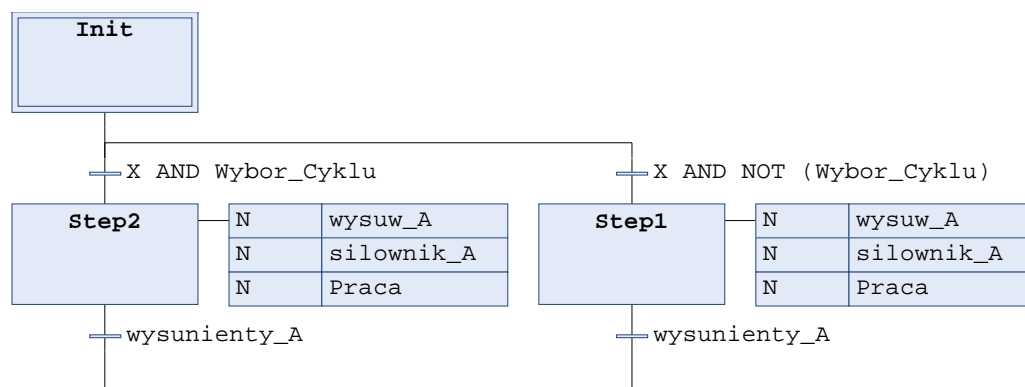
2.1.1 Application: Application

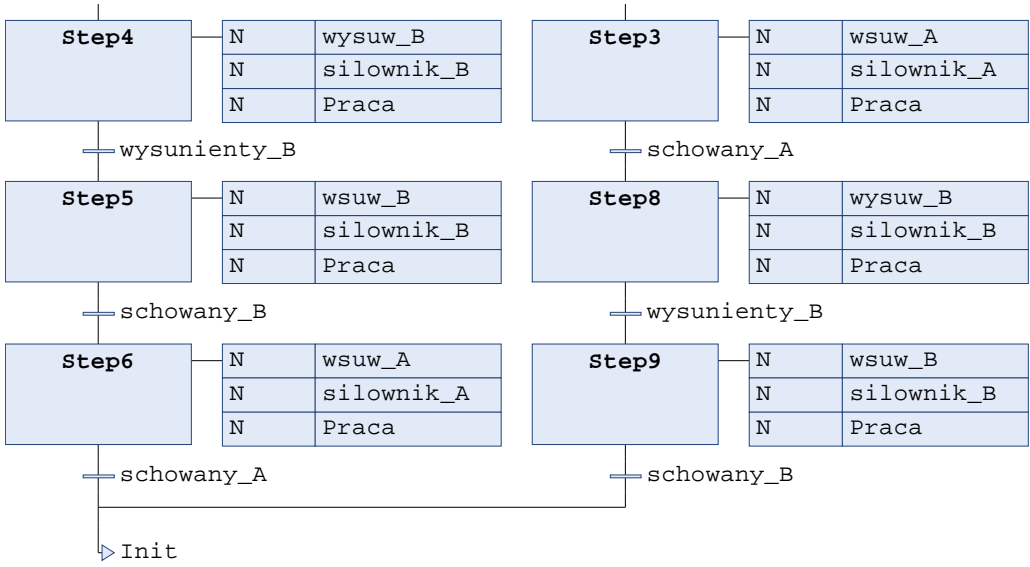
2.1.1.1 POU: PLC_PRG

```

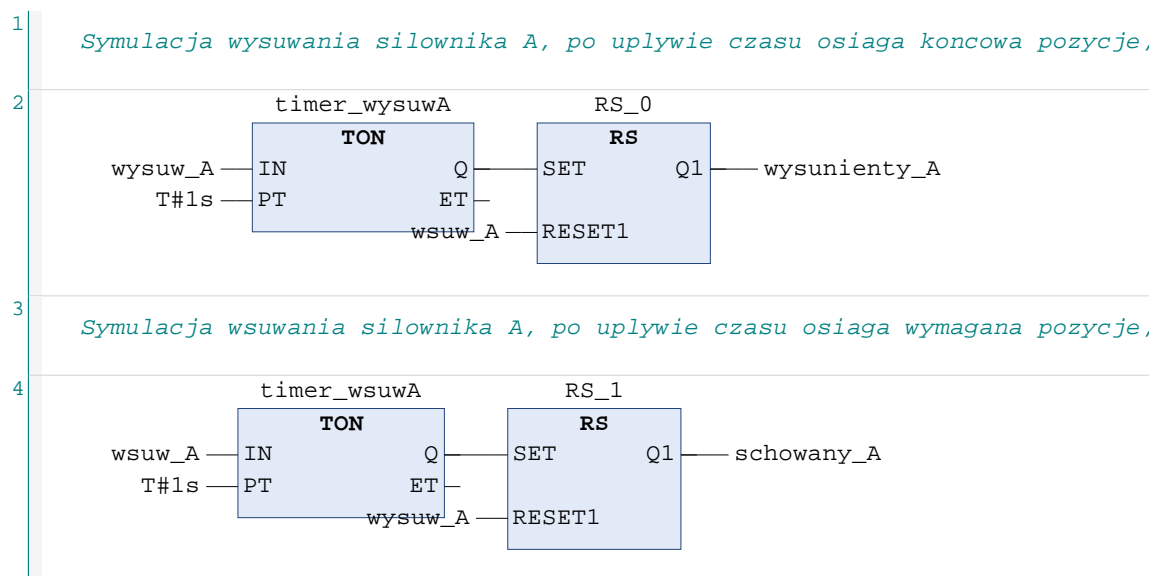
1  PROGRAM PLC_PRG
2  VAR
3      // Przycisk X - start cyklu
4      X : BOOL ;
5      // Wybór cyklu na podstawie stanu przycisku bistabilnego
6      Wybór_Cyklu : BOOL ;
7
8      // sterowanie silownikami
9      wysunienty_A : BOOL ;
10     wysunienty_B : BOOL ;
11     schowany_A : BOOL ;
12     schowany_B : BOOL ;
13     wysuw_A : BOOL ;
14     wsuw_A : BOOL ;
15     wysuw_B : BOOL ;
16     wsuw_B : BOOL ;
17     timer_A : BOOL ;
18     silownikA : TON ;
19     RS_0 : RS ;
20     RS_1 : RS ;
21     timer_wysuwA : TON ;
22     timer_wsuwA : TON ;
23     timer_wysuwB : TON ;
24     timer_wsuwB : TON ;
25     RS_2 : RS ;
26     RS_3 : RS ;
27     Praca : BOOL ;
28 END_VAR
29

```





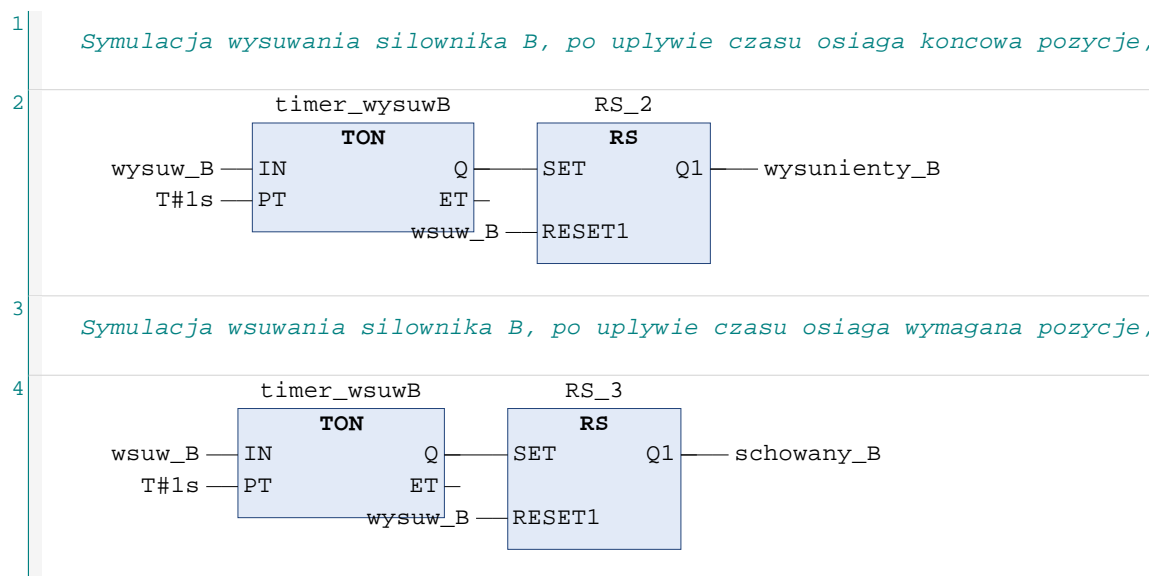
2.1.1.1.1 Action: silownik_A



. zmienna "wysuniety_A" dziala jak krancowka:

. zmienna "schowany_A" dziala jak krancowka:

2.1.1.1.2 Action: silownik_B



. zmienna "wysuniety_B" dziala jak krancowka:

. zmienna "schowany_B" dziala jak krancowka:

2.1.1.2 Symbol Configuration: Symbols

2.1.1.3 Task Configuration: Task Configuration

Max. number of tasks: 100
Max. number of cyclic tasks: 100
Max. number of freewheeling tasks: 100
Max. number of event tasks: 100
Max. number of status tasks: 100

System Events:

2.1.1.3.1 Task: MainTask

Priority: 1
Type: Cyclic
Interval: t#20ms Unit: ms
Watchdog: Inactive
POUs: PLC_PRG

2.1.1.3.1.1 Program Call: PLC_PRG

3 GlobalTextList: GlobalTextList

4 : Project Settings

Static Analysis Light:

Unused variables (#33): 0
Overlapping memory areas (#28): 0
Write access from several tasks (#6): 0
Multiple write access on output (#4): 0
Multiple uses of identifiers (#27): 0
Report temporary FunctionBlock instances (#167): 0