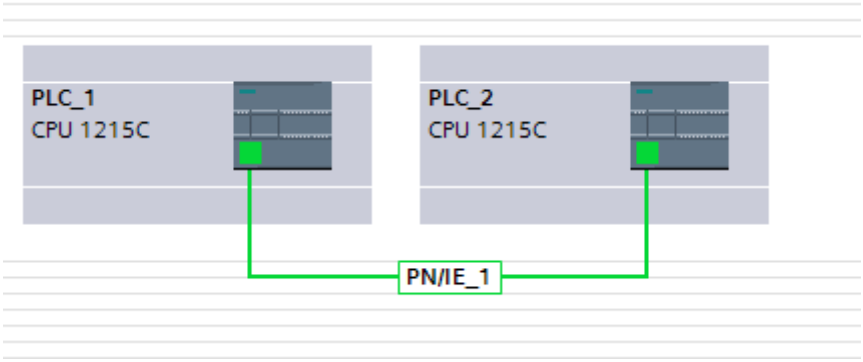
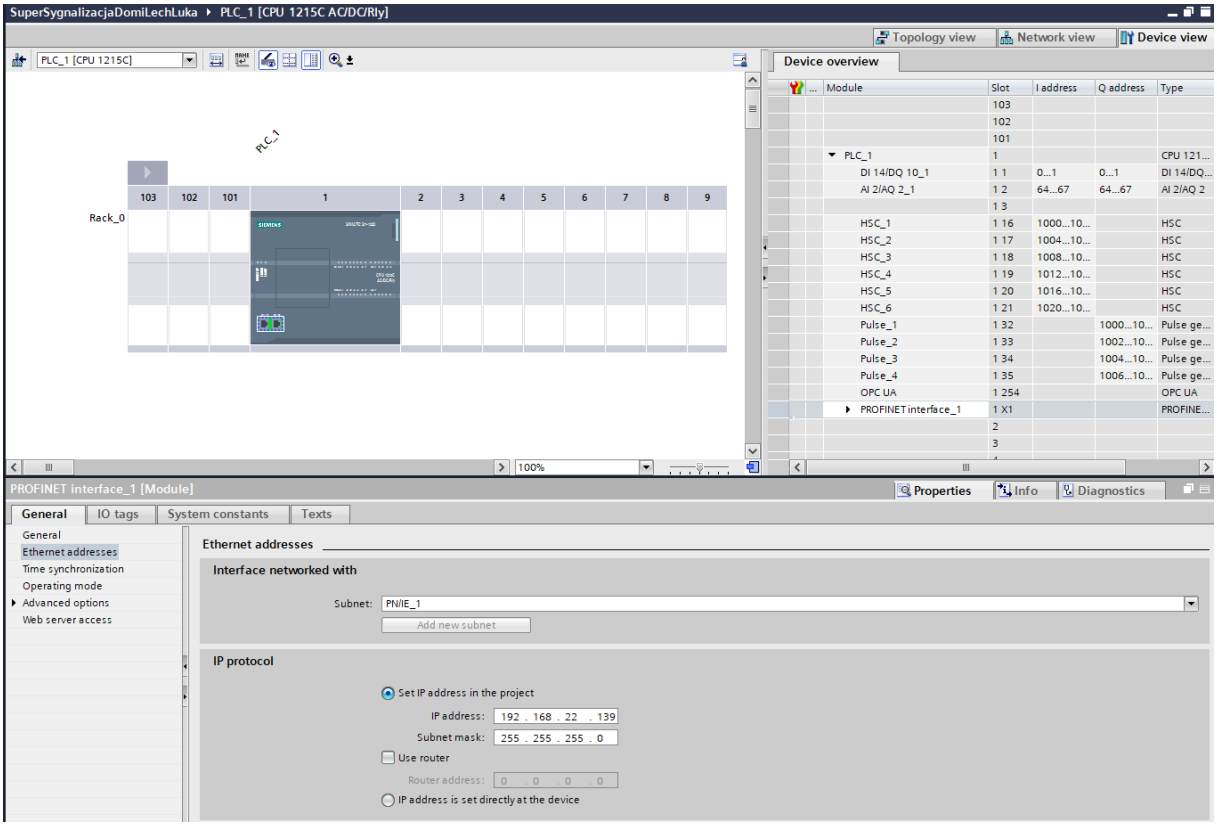
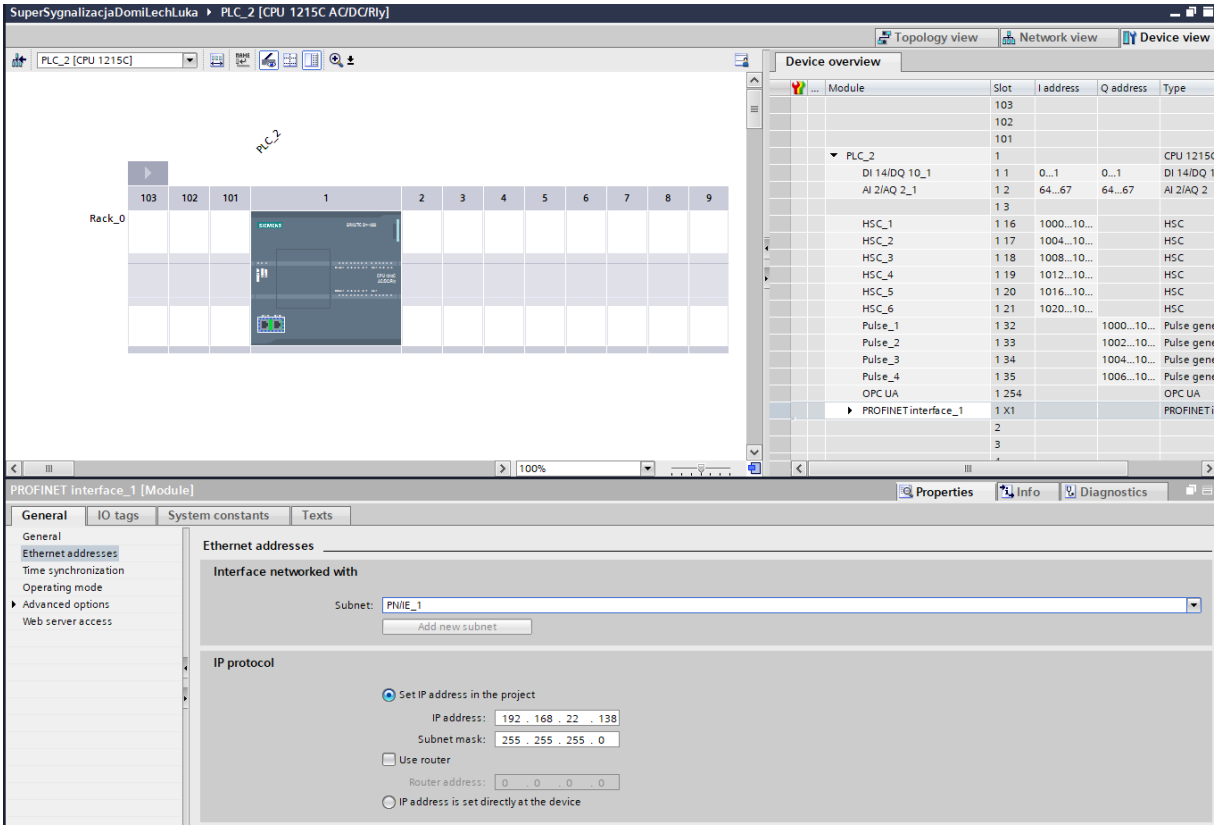
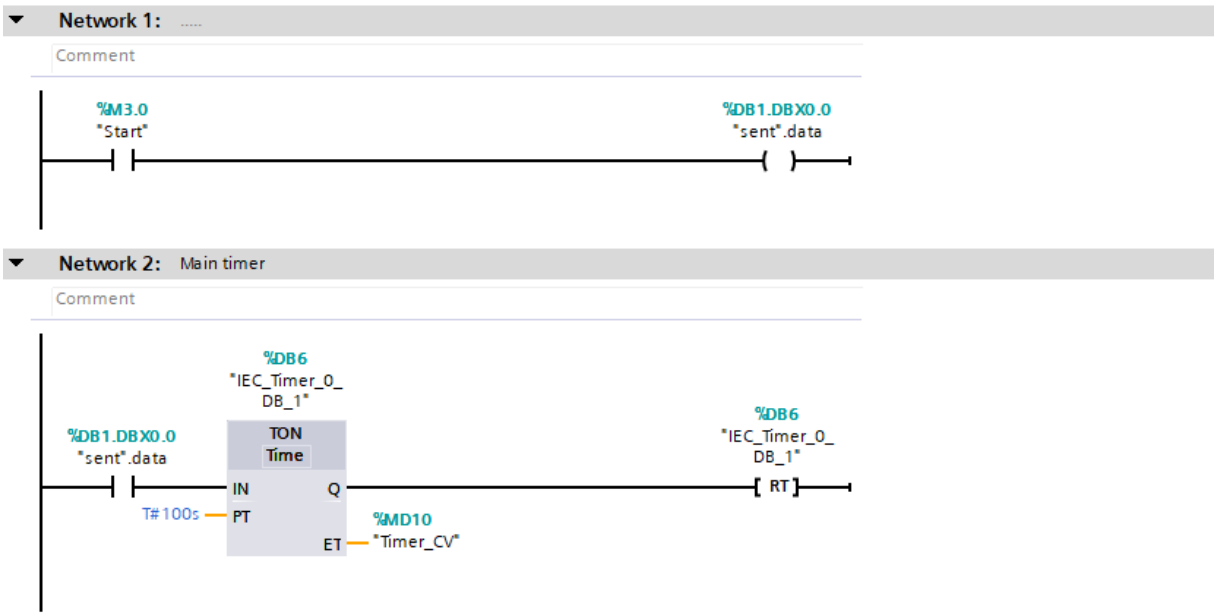

PLC_1
CPU 1215C
PLC_2
CPU 1215C
PN/IE_1


SuperSygnalizacjaDomiLechLuka ▸ PLC_1 [CPU 1215C AC/DC/Rly]
Topology view
Network view
Device view
PLC_1 [CPU 1215C]
Device overview
PLC_1
Rack_0
103 102 101 1 2 3 4 5 6 7 8 9
100%
Module | Slot | I address | Q address | Type
103
102
101
PLC_1 | 1 | | | CPU 121...
DI 14/DQ 10_1 | 1 1 | 0...1 | 0...1 | DI 14/DQ...
AI 2/AQ 2_1 | 1 2 | 64...67 | 64...67 | AI 2/AQ 2
1 3
HSC_1 | 1 16 | 1000...10... | | HSC
HSC_2 | 1 17 | 1004...10... | | HSC
HSC_3 | 1 18 | 1008...10... | | HSC
HSC_4 | 1 19 | 1012...10... | | HSC
HSC_5 | 1 20 | 1016...10... | | HSC
HSC_6 | 1 21 | 1020...10... | | HSC
Pulse_1 | 1 32 | | 1000...10... | Pulse ge...
Pulse_2 | 1 33 | | 1002...10... | Pulse ge...
Pulse_3 | 1 34 | | 1004...10... | Pulse ge...
Pulse_4 | 1 35 | | 1006...10... | Pulse ge...
OPC UA | 1 254 | | | OPC UA
PROFINET interface_1 | 1 X1 | | | PROFINE...
2
3
PROFINET interface_1 [Module]
Properties
Info
Diagnostics
General
IO tags
System constants
Texts
General
Ethernet addresses
Time synchronization
Operating mode
Advanced options
Web server access
Ethernet addresses
Interface networked with
Subnet: PN/IE_1
Add new subnet
IP protocol
Set IP address in the project
IP address: 192 . 168 . 22 . 139
Subnet mask: 255 . 255 . 255 . 0
Use router
Router address: 0 . 0 . 0 . 0
IP address is set directly at the device

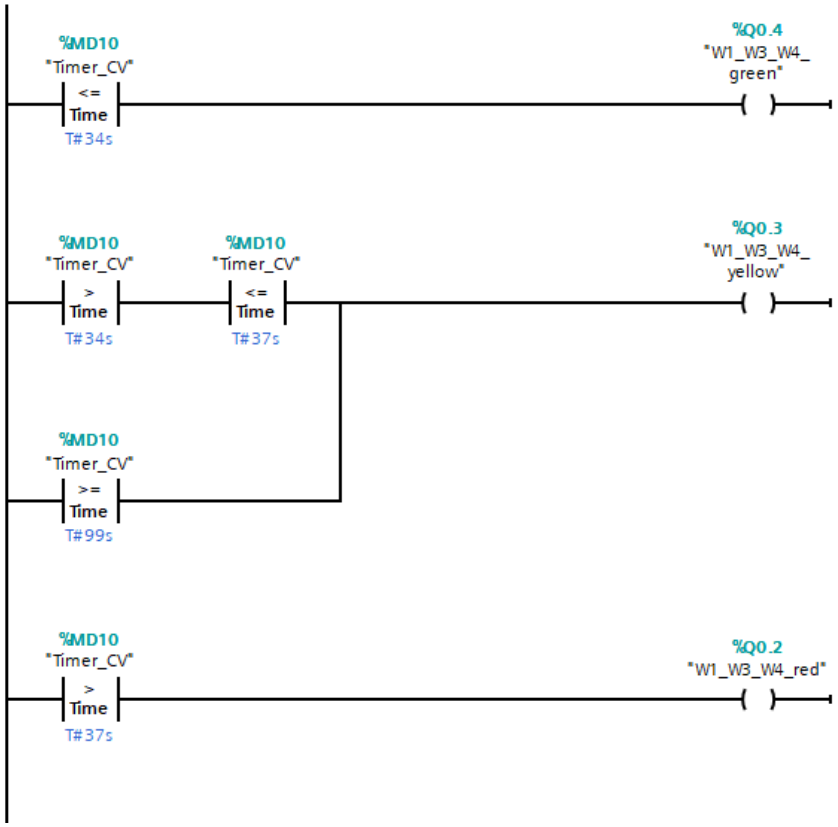

SuperSygnalizacjaDomiLechLuka ▸ PLC_2 [CPU 1215C AC/DC/Rly]
Topology view
Network view
Device view
PLC_2 [CPU 1215C]
Device overview
PLC_2
Rack_0
103 102 101 1 2 3 4 5 6 7 8 9
Module | Slot | I address | Q address | Type
PLC_2 | 1 | CPU 1215C
DI 14/DQ 10_1 | 1 1 | 0...1 | 0...1 | DI 14/DQ 10
AI 2/AQ 2_1 | 1 2 | 64...67 | 64...67 | AI 2/AQ 2
HSC_1 | 1 16 | 1000...10... | HSC
HSC_2 | 1 17 | 1004...10... | HSC
HSC_3 | 1 18 | 1008...10... | HSC
HSC_4 | 1 19 | 1012...10... | HSC
HSC_5 | 1 20 | 1016...10... | HSC
HSC_6 | 1 21 | 1020...10... | HSC
Pulse_1 | 1 32 | 1000...10... | Pulse gen
Pulse_2 | 1 33 | 1002...10... | Pulse gen
Pulse_3 | 1 34 | 1004...10... | Pulse gen
Pulse_4 | 1 35 | 1006...10... | Pulse gen
OPC UA | 1 254 | OPC UA
PROFINET interface_1 | 1 X1 | PROFINET
100%
PROFINET interface_1 [Module]
Properties
Info
Diagnostics
General
IO tags
System constants
Texts
General
Ethernet addresses
Time synchronization
Operating mode
Advanced options
Web server access
Ethernet addresses
Interface networked with
Subnet: PN/IE_1
Add new subnet
IP protocol
Set IP address in the project
IP address: 192 . 168 . 22 . 138
Subnet mask: 255 . 255 . 255 . 0
Use router
Router address: 0 . 0 . 0 . 0
IP address is set directly at the device

Main 1:


Network 1:
Comment
%M3.0
"Start"
%DB1.DBX0.0
"sent".data
Network 2: Main timer
Comment
%DB6
"IEC_Timer_0_DB_1"
%DB1.DBX0.0
"sent".data
TON
Time
IN
Q
T#100s
PT
ET
%MD10
"Timer_CV"
%DB6
"IEC_Timer_0_DB_1"
RT

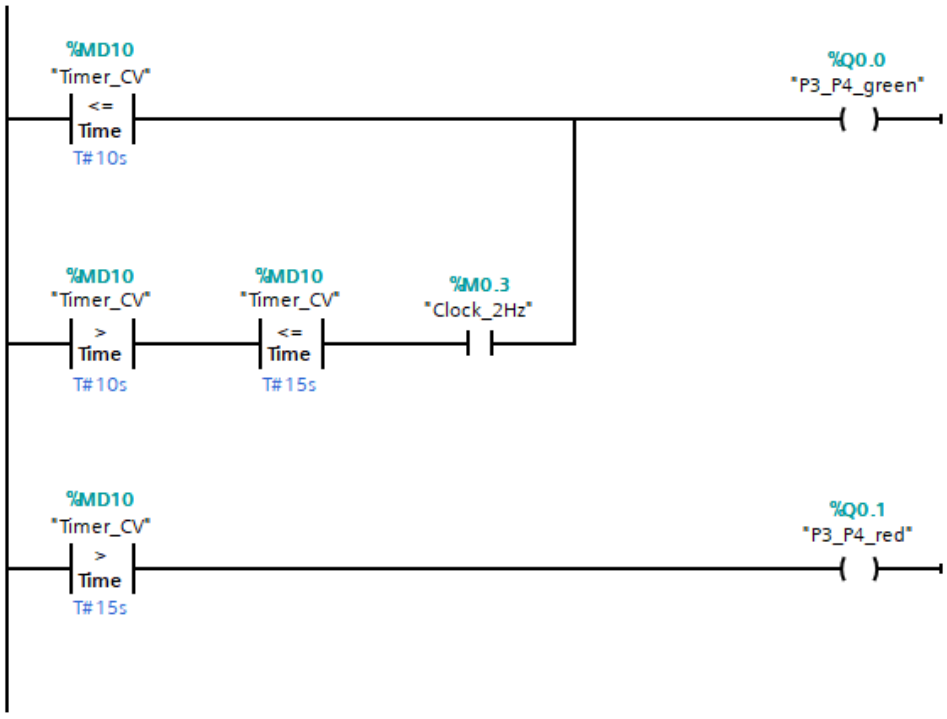
Network 3: W1, W2 and W4

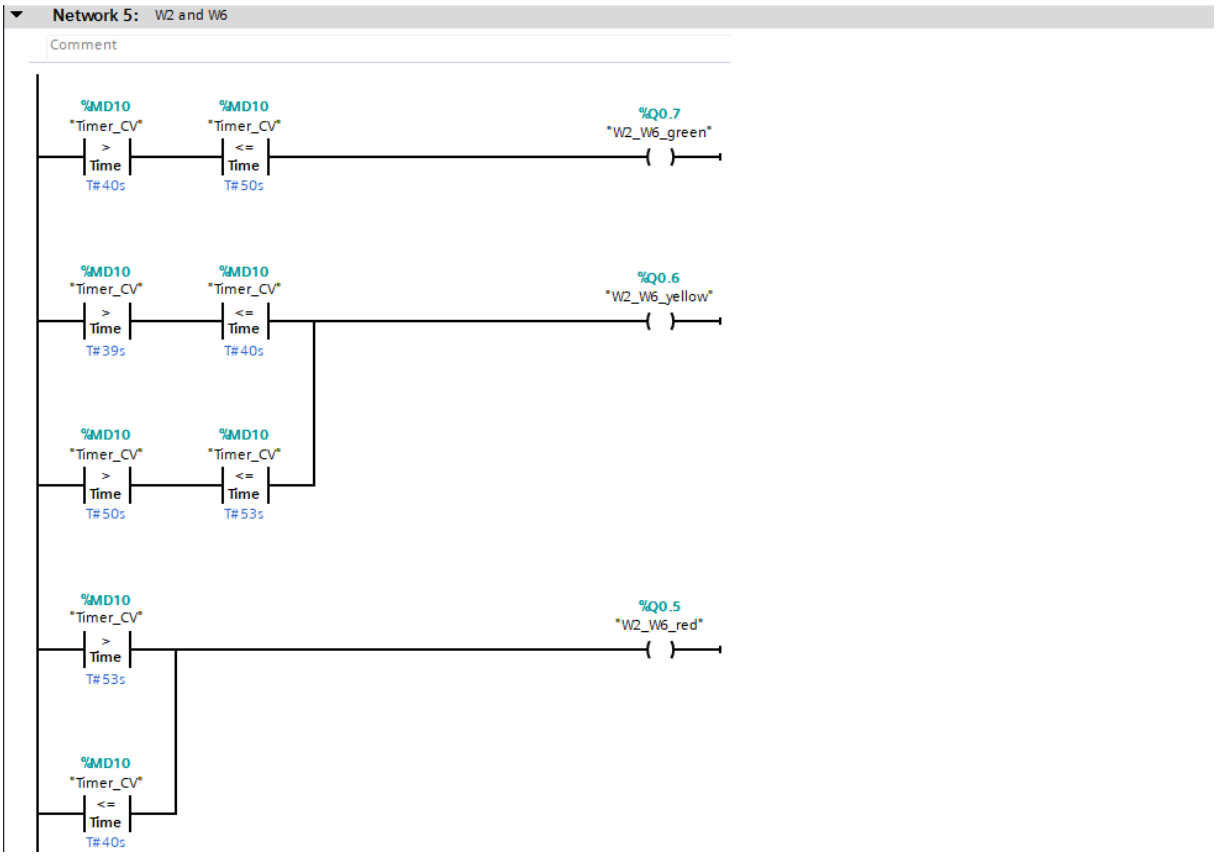
Comment

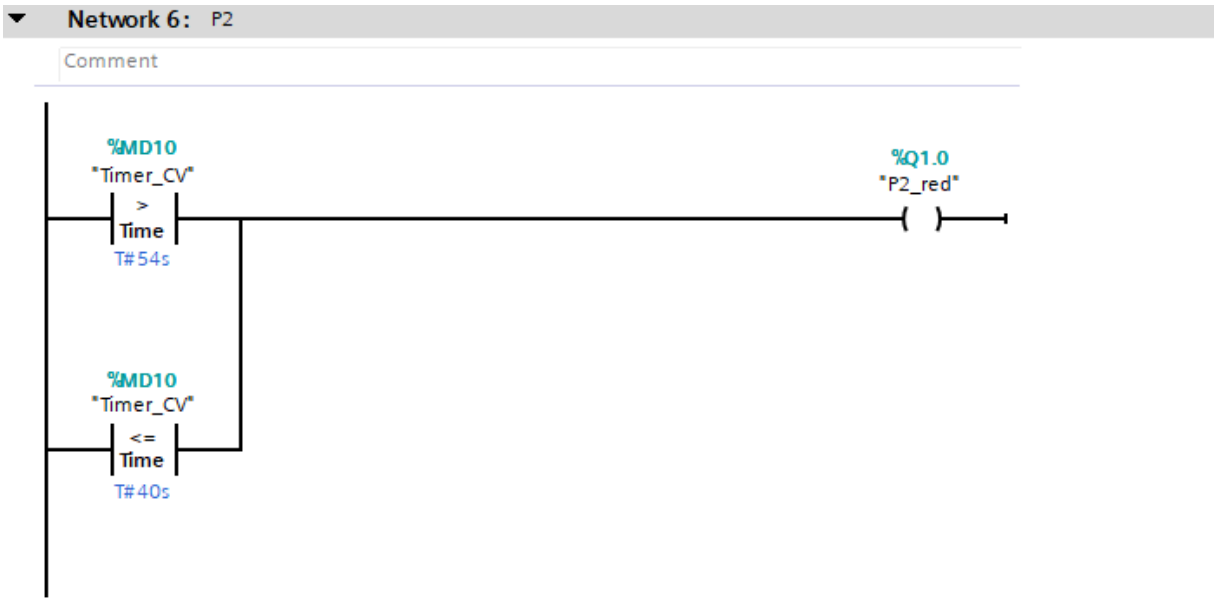


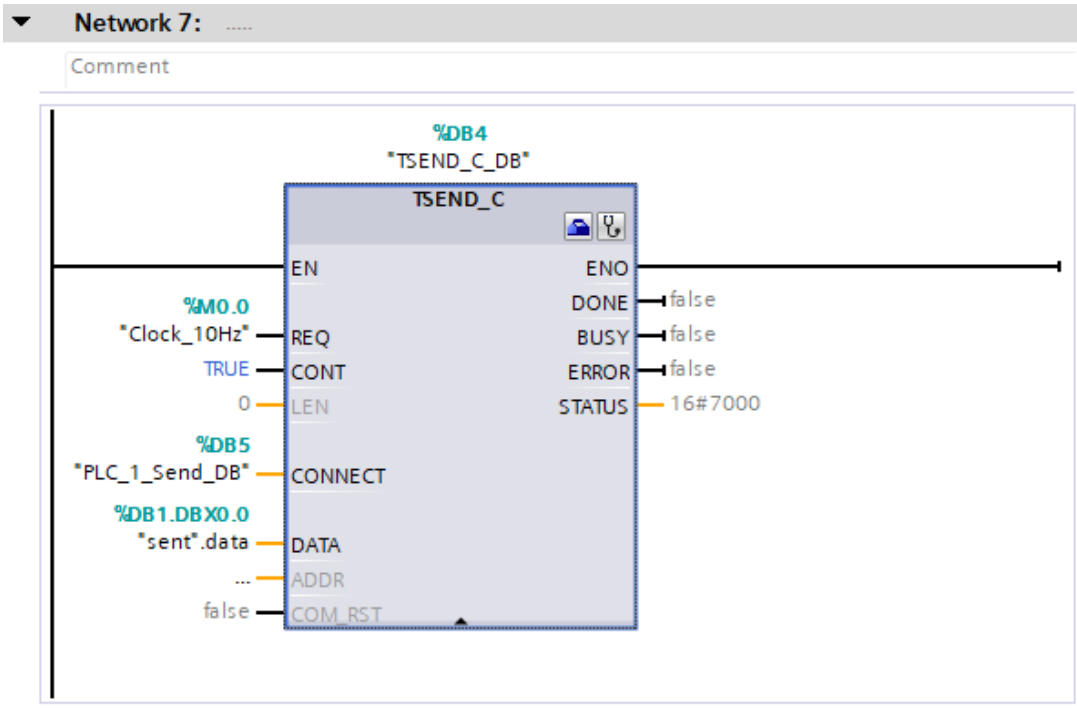
Network 4: P3 and P4

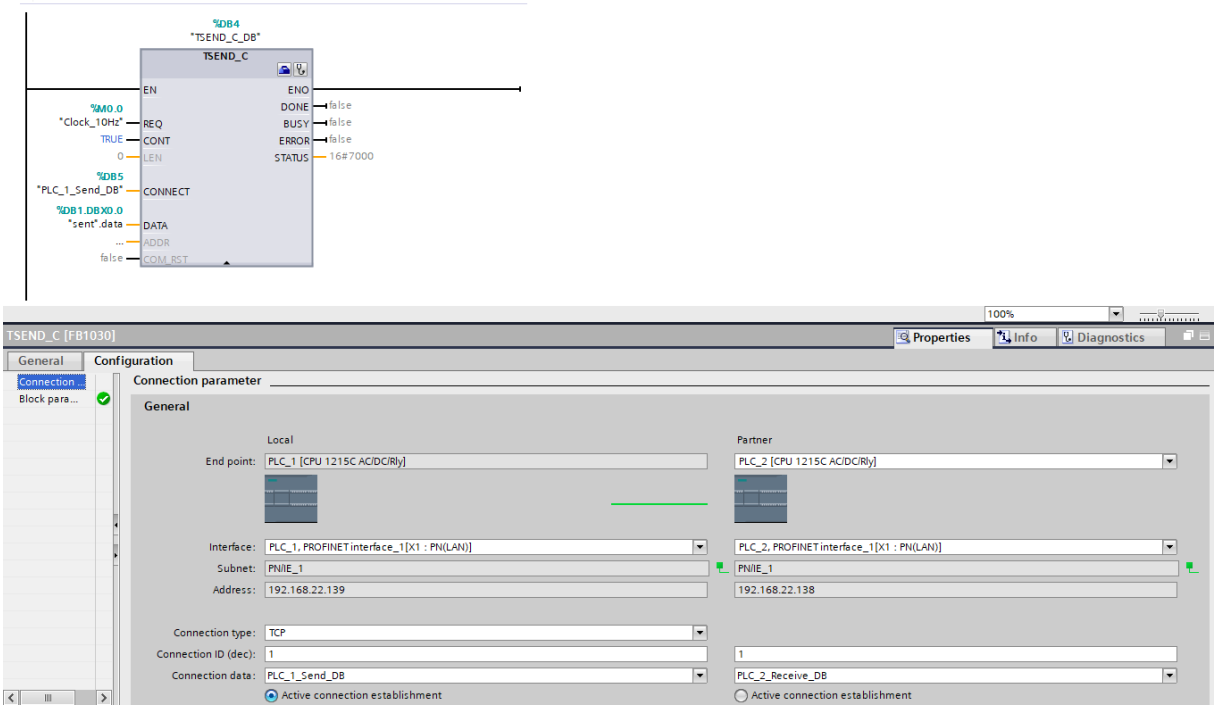
Comment



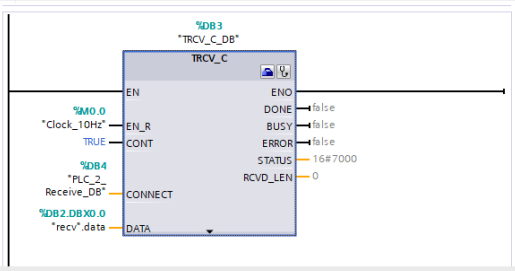

Network 5: W2 and W6
Comment
%MD10
"Timer_CV"
> Time
T#40s
%MD10
"Timer_CV"
<= Time
T#50s
%Q0.7
"W2_W6_green"
%MD10
"Timer_CV"
> Time
T#39s
%MD10
"Timer_CV"
<= Time
T#40s
%Q0.6
"W2_W6_yellow"
%MD10
"Timer_CV"
> Time
T#50s
%MD10
"Timer_CV"
<= Time
T#53s
%MD10
"Timer_CV"
> Time
T#53s
%Q0.5
"W2_W6_red"
%MD10
"Timer_CV"
<= Time
T#40s

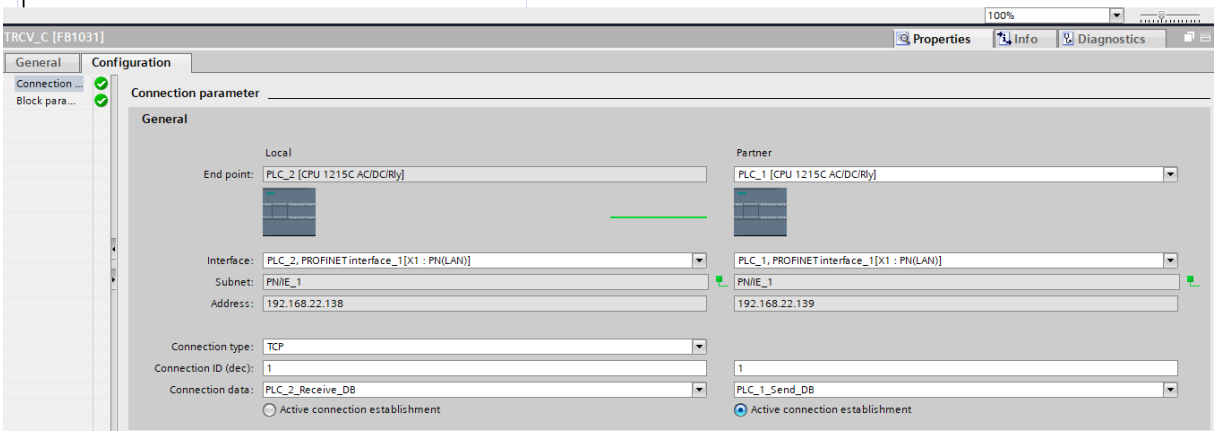

Network 6: P2
Comment
%MD10
"Timer_CV"
> Time
T#54s
%Q1.0
"P2_red"
%MD10
"Timer_CV"
<= Time
T#40s


Network 7:
Comment
%DB4
"TSEND_C_DB"
TSEND_C
EN
ENO
%M0.0
"Clock_10Hz"
REQ
DONE
false
BUSY
false
TRUE
CONT
ERROR
false
0
LEN
STATUS
16#7000
%DB5
"PLC_1_Send_DB"
CONNECT
%DB1.DBX0.0
"sent".data
DATA
...
ADDR
false
COM_RST


TSEND_C [FB1030]
Properties
Info
Diagnostics
General
Configuration
Connection ...
Block para...
Connection parameter
General
Local
Partner
End point:
PLC_1 [CPU 1215C AC/DC/Rly]
PLC_2 [CPU 1215C AC/DC/Rly]
Interface:
PLC_1, PROFINET interface_1[X1 : PN(LAN)]
PLC_2, PROFINET interface_1[X1 : PN(LAN)]
Subnet:
PN/IE_1
PN/IE_1
Address:
192.168.22.139
192.168.22.138
Connection type:
TCP
Connection ID (dec):
1
1
Connection data:
PLC_1_Send_DB
PLC_2_Receive_DB
Active connection establishment
Active connection establishment

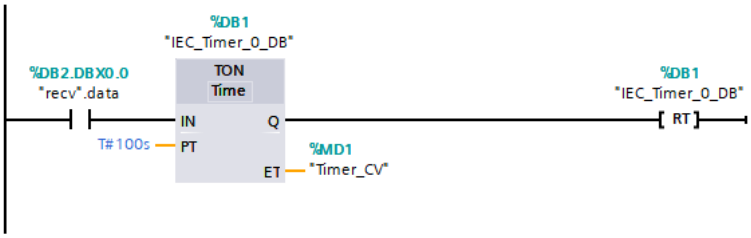
Main 2:





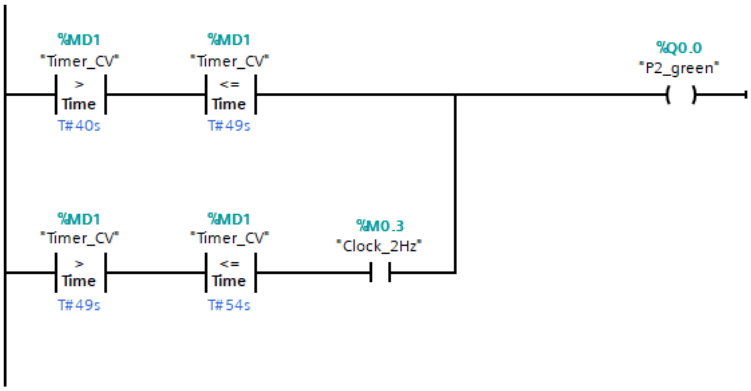
Network 2:

Comment



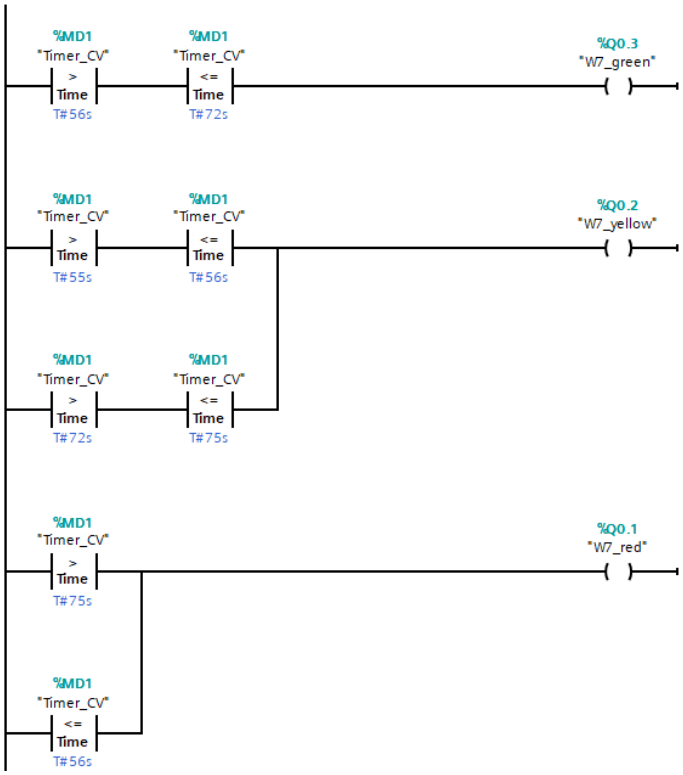
Network 3: P2 green

Comment



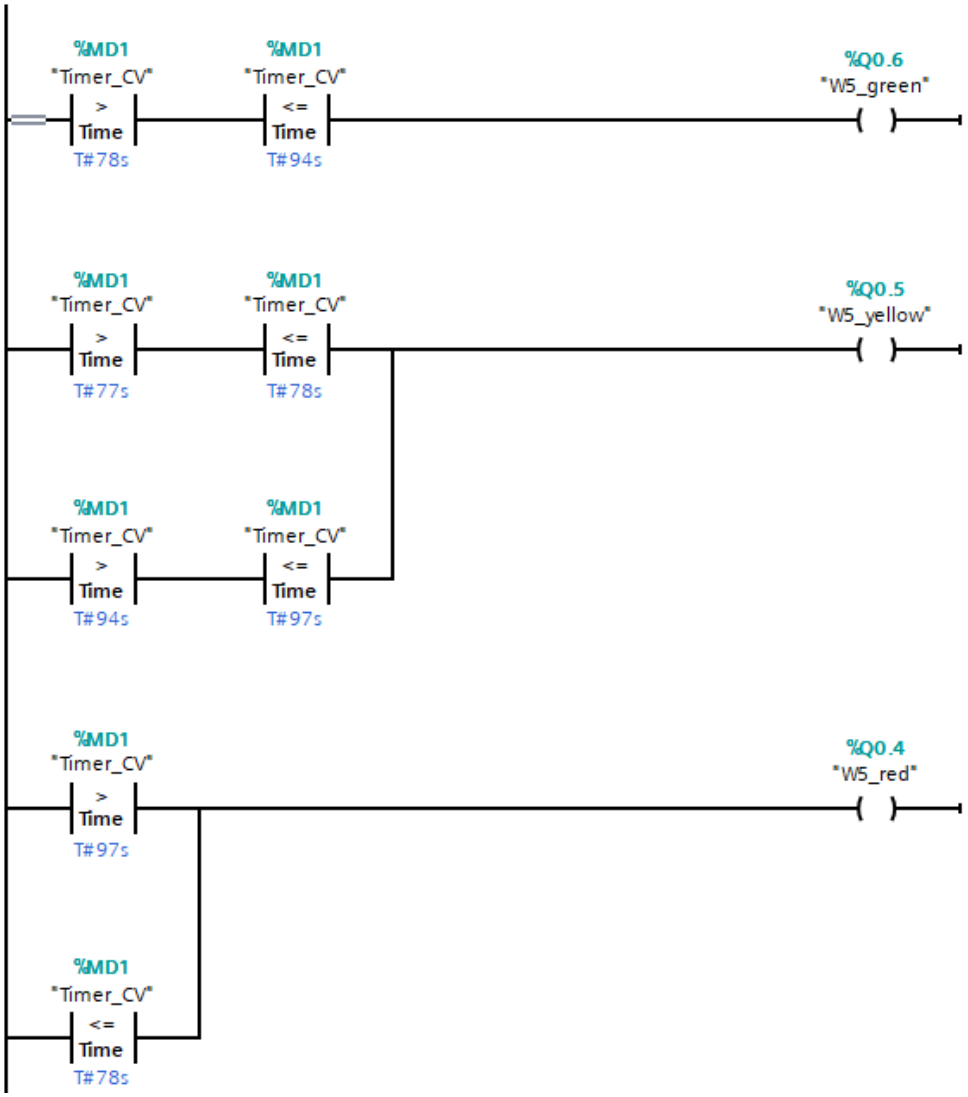
Network 4: W7

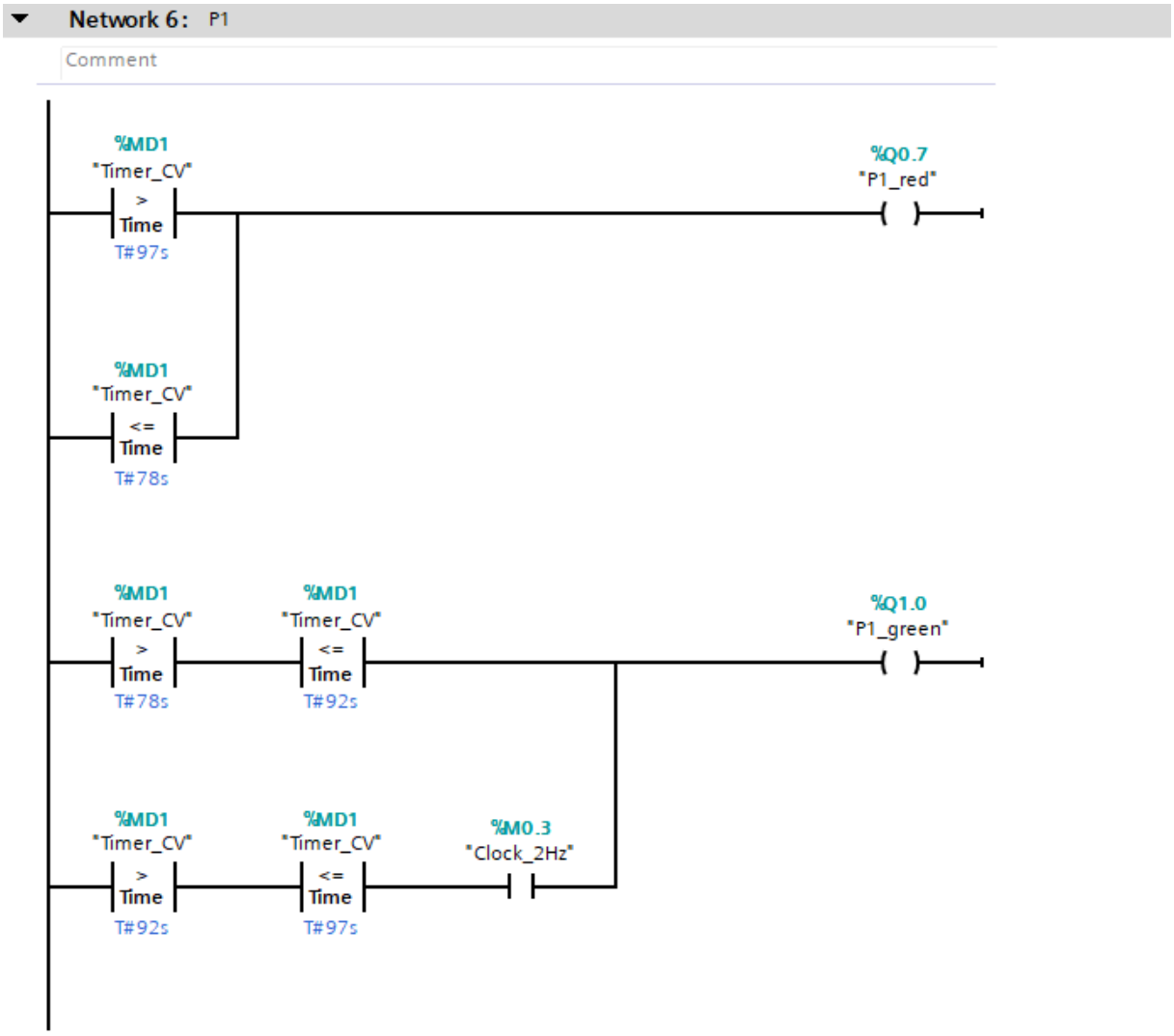
Comment



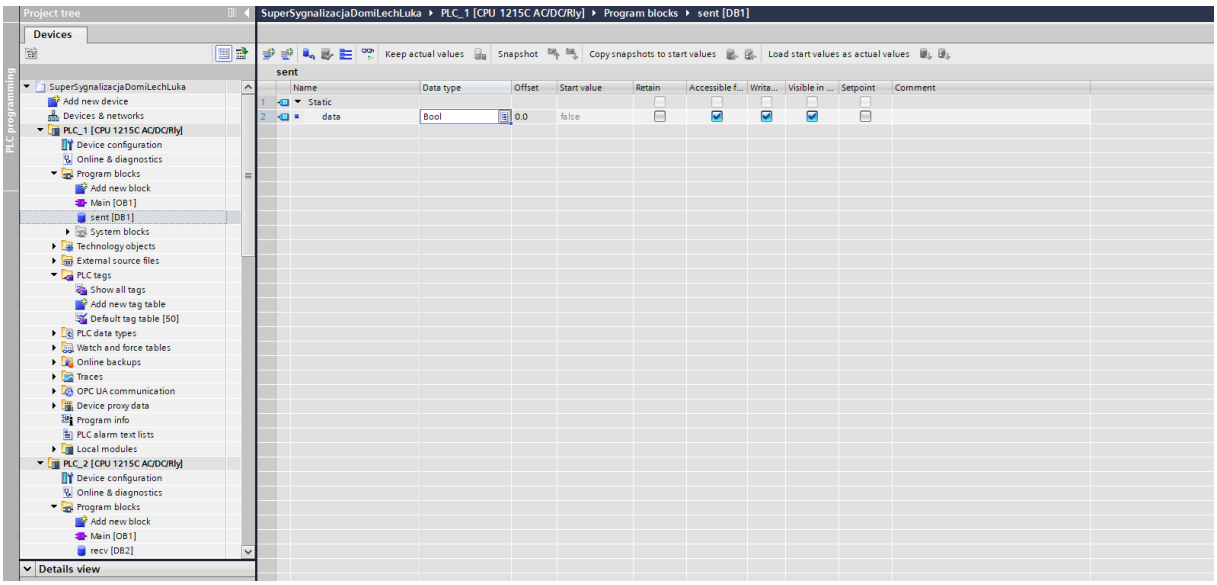
Network 5: W5

Comment

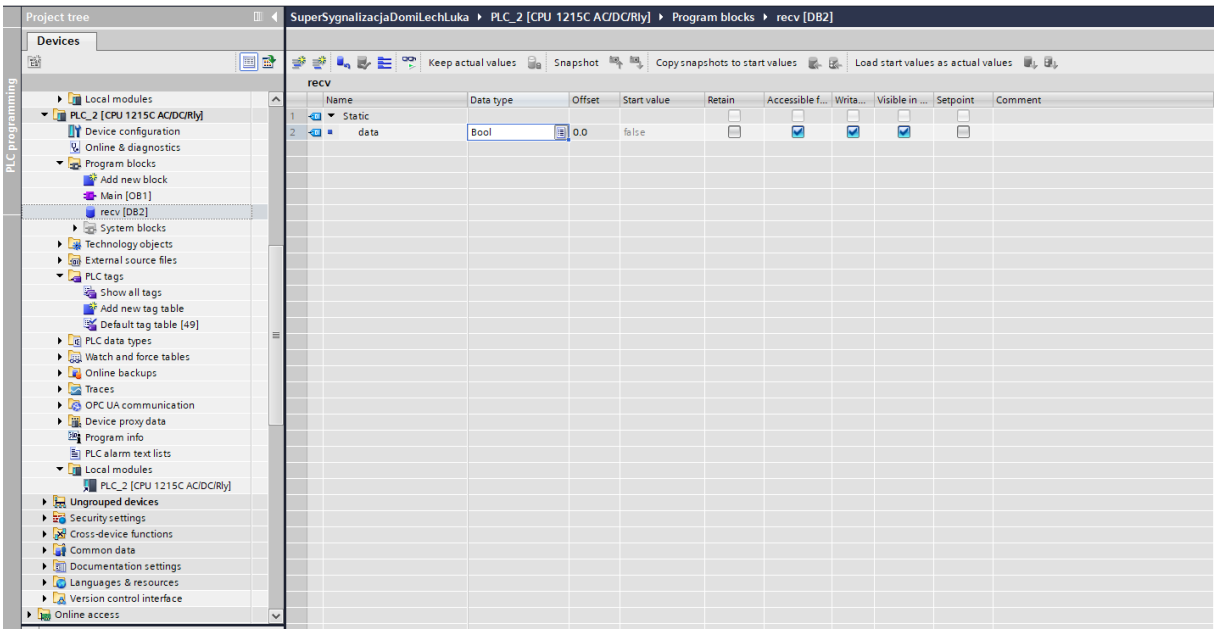



Network 6: P1
Comment
%MD1
"Timer_CV"
>
Time
T#97s
%Q0.7
"P1_red"
%MD1
"Timer_CV"
<=
Time
T#78s
%MD1
"Timer_CV"
>
Time
T#78s
%MD1
"Timer_CV"
<=
Time
T#92s
%Q1.0
"P1_green"
%MD1
"Timer_CV"
>
Time
T#92s
%MD1
"Timer_CV"
<=
Time
T#97s
%M0.3
"Clock_2Hz"

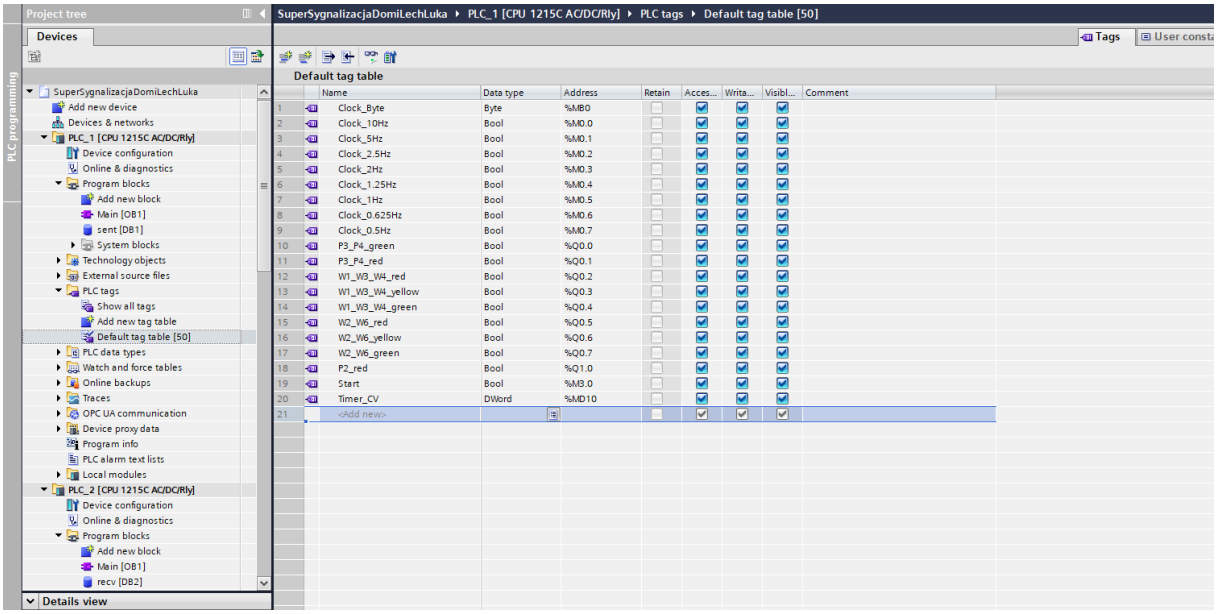
Sent:

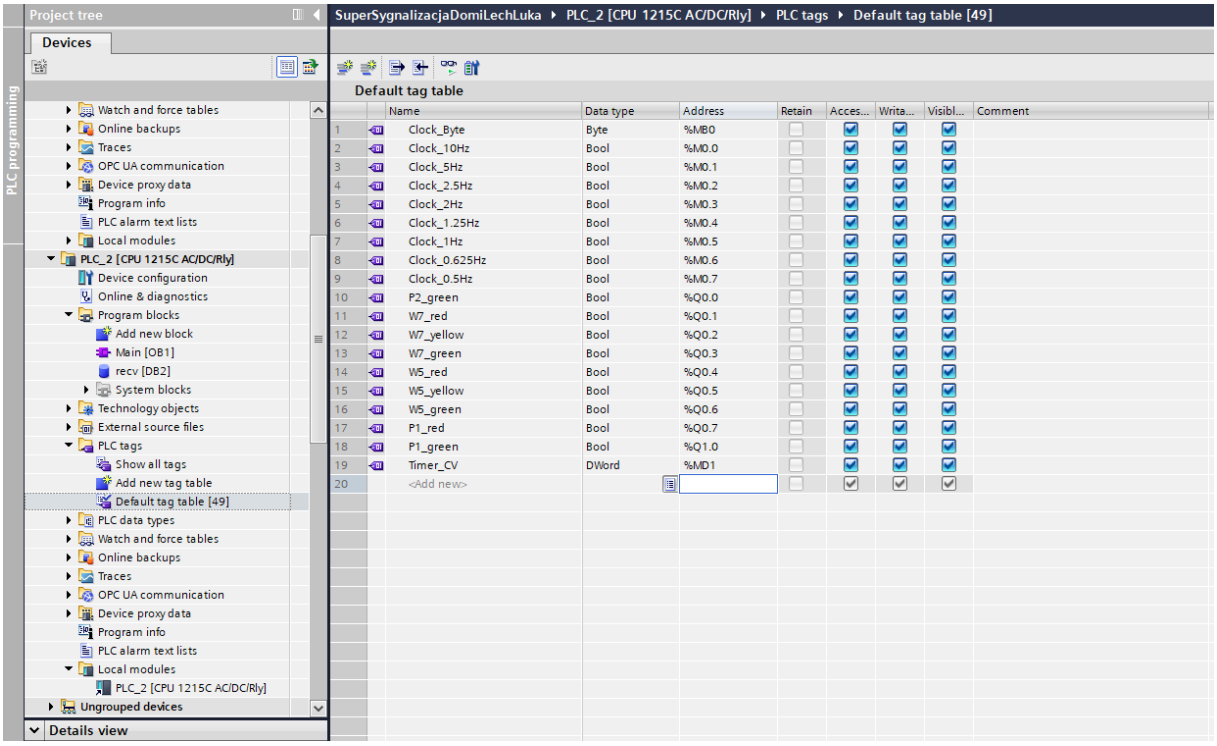

Project tree
SuperSygnalizacjaDomiLechLuka ▸ PLC_1 [CPU 1215C AC/DC/Rly] ▸ Program blocks ▸ sent [DB1]
Devices
Keep actual values
Snapshot
Copy snapshots to start values
Load start values as actual values
sent
Name
Data type
Offset
Start value
Retain
Accessible f...
Writa...
Visible in ...
Setpoint
Comment
Static
data
Bool
0.0
false
SuperSygnalizacjaDomiLechLuka
Add new device
Devices & networks
PLC_1 [CPU 1215C AC/DC/Rly]
Device configuration
Online & diagnostics
Program blocks
Add new block
Main [OB1]
sent [DB1]
System blocks
Technology objects
External source files
PLC tags
Show all tags
Add new tag table
Default tag table [50]
PLC data types
Watch and force tables
Online backups
Traces
OPC UA communication
Device proxy data
Program info
PLC alarm text lists
Local modules
PLC_2 [CPU 1215C AC/DC/Rly]
Device configuration
Online & diagnostics
Program blocks
Add new block
Main [OB1]
recv [DB2]
Details view
PLC programming

Rcv:


Project tree
Devices
SuperSygnalizacjaDomiLechLuka ▸ PLC_2 [CPU 1215C AC/DC/Rly] ▸ Program blocks ▸ recv [DB2]
Keep actual values
Snapshot
Copy snapshots to start values
Load start values as actual values
recv
Name
Data type
Offset
Start value
Retain
Accessible f...
Writa...
Visible in ...
Setpoint
Comment
Static
data
Bool
0.0
false
Local modules
PLC_2 [CPU 1215C AC/DC/Rly]
Device configuration
Online & diagnostics
Program blocks
Add new block
Main [OB1]
recv [DB2]
System blocks
Technology objects
External source files
PLC tags
Show all tags
Add new tag table
Default tag table [49]
PLC data types
Watch and force tables
Online backups
Traces
OPC UA communication
Device proxy data
Program info
PLC alarm text lists
Local modules
PLC_2 [CPU 1215C AC/DC/Rly]
Ungrouped devices
Security settings
Cross-device functions
Common data
Documentation settings
Languages & resources
Version control interface
Online access
PLC programming

Def:


Project tree
Devices
SuperSygnalizacjaDomiLechLuka ▸ PLC_1 [CPU 1215C AC/DC/Rly] ▸ PLC tags ▸ Default tag table [50]
Tags
User consta
Default tag table
Name
Data type
Address
Retain
Acces...
Writa...
Visibl...
Comment
Clock_Byte Byte %MB0
Clock_10Hz Bool %M0.0
Clock_5Hz Bool %M0.1
Clock_2.5Hz Bool %M0.2
Clock_2Hz Bool %M0.3
Clock_1.25Hz Bool %M0.4
Clock_1Hz Bool %M0.5
Clock_0.625Hz Bool %M0.6
Clock_0.5Hz Bool %M0.7
P3_P4_green Bool %Q0.0
P3_P4_red Bool %Q0.1
W1_W3_W4_red Bool %Q0.2
W1_W3_W4_yellow Bool %Q0.3
W1_W3_W4_green Bool %Q0.4
W2_W6_red Bool %Q0.5
W2_W6_yellow Bool %Q0.6
W2_W6_green Bool %Q0.7
P2_red Bool %Q1.0
Start Bool %M3.0
Timer_CV DWord %MD10
<Add new>
SuperSygnalizacjaDomiLechLuka
Add new device
Devices & networks
PLC_1 [CPU 1215C AC/DC/Rly]
Device configuration
Online & diagnostics
Program blocks
Add new block
Main [OB1]
sent [DB1]
System blocks
Technology objects
External source files
PLC tags
Show all tags
Add new tag table
Default tag table [50]
PLC data types
Watch and force tables
Online backups
Traces
OPC UA communication
Device proxy data
Program info
PLC alarm text lists
Local modules
PLC_2 [CPU 1215C AC/DC/Rly]
Device configuration
Online & diagnostics
Program blocks
Add new block
Main [OB1]
recv [DB2]
Details view
PLC programming


Project tree
Devices
PLC programming
Watch and force tables
Online backups
Traces
OPC UA communication
Device proxy data
Program info
PLC alarm text lists
Local modules
PLC_2 [CPU 1215C AC/DC/Rly]
Device configuration
Online & diagnostics
Program blocks
Add new block
Main [OB1]
recv [DB2]
System blocks
Technology objects
External source files
PLC tags
Show all tags
Add new tag table
Default tag table [49]
PLC data types
Watch and force tables
Online backups
Traces
OPC UA communication
Device proxy data
Program info
PLC alarm text lists
Local modules
PLC_2 [CPU 1215C AC/DC/Rly]
Ungrouped devices
Details view
SuperSygnalizacjaDomiLechLuka ▸ PLC_2 [CPU 1215C AC/DC/Rly] ▸ PLC tags ▸ Default tag table [49]
Default tag table
Name
Data type
Address
Retain
Acces...
Writa...
Visibl...
Comment
1 Clock_Byte Byte %MB0
2 Clock_10Hz Bool %M0.0
3 Clock_5Hz Bool %M0.1
4 Clock_2.5Hz Bool %M0.2
5 Clock_2Hz Bool %M0.3
6 Clock_1.25Hz Bool %M0.4
7 Clock_1Hz Bool %M0.5
8 Clock_0.625Hz Bool %M0.6
9 Clock_0.5Hz Bool %M0.7
10 P2_green Bool %Q0.0
11 W7_red Bool %Q0.1
12 W7_yellow Bool %Q0.2
13 W7_green Bool %Q0.3
14 W5_red Bool %Q0.4
15 W5_yellow Bool %Q0.5
16 W5_green Bool %Q0.6
17 P1_red Bool %Q0.7
18 P1_green Bool %Q1.0
19 Timer_CV DWord %MD1
20 <Add new>