Totally Integrated	
Automation Portal	

Door B2 MTRX / PLC_1 [CPU 313C-2 DP] / Program blocks

Main [OB1]

Main Properties								
General								
Name	Main	Number	1	Туре	ОВ	Language	LAD	
Numbering	Manual							
Information								
Title	"Main Program Sweep (Cy-cle)"	Author		Comment		Family		
Version	0.1	User-defined ID						

Main								
Name	Data type	Offset	Default value	Supervision	Comment			
▼ Temp								
OB1_EV_CLASS	Byte	0.0			Bits 0-3 = 1 (Coming event), Bits 4-7 = 1 (Event class 1)			
OB1_SCAN_1	Byte	1.0			1 (Cold restart scan 1 of OB 1), 3 (Scan 2-n of OB 1)			
OB1_PRIORITY	Byte	2.0			Priority of OB Execution			
OB1_OB_NUMBR	Byte	3.0			1 (Organization block 1, OB1)			
OB1_RESERVED_1	Byte	4.0			Reserved for system			
OB1_RESERVED_2	Byte	5.0			Reserved for system			
OB1_PREV_CYCLE	Int	6.0			Cycle time of previous OB1 scan (milliseconds)			
OB1_MIN_CYCLE	Int	8.0			Minimum cycle time of OB1 (milliseconds)			
OB1_MAX_CYCLE	Int	10.0			Maximum cycle time of OB1 (milliseconds)			
OB1_DATE_TIME	Date_And_Time	12.0			Date and time OB1 started			
Constant								

Network 1:

```
%M0.0
                                                    %I124.3
                                                                        "Open Memory"
                                                "Right Sensor (
B3)"
   %I125.0
                            %I124.2
                                                                                                   %Q124.0
"Hand (S1.1)"
                      "Move Right (S4)"
                                                                              SR
                                                                                             "Open Motor (K1)"
                            %I124.5
                       "Retro Sensor (
B1)"
%l125.1
"Auto (S1.2)"
%I124.5
"Retro Sensor (
B1)"
                        %l124.3
"Right Sensor (
B3)"
                                                    %I124.4
                                               "Left Sensor (B2)"
      <del>1</del>/}
  %l124.1
"Stop (S3)"
      <del>-</del> | / |-
                           %I124.5
                        "Retro Sensor (
B1)"
   %I125.1
"Auto (S1.2)"
                                                    %I124.5
%I125.0
"Hand (S1.1)"
                      %l124.2
"Move Right (S4)"
                                                "Retro Sensor (
B1)"
                              <del>-</del>1/1-
   %I125.0
                            %I124.0
"Hand (S1.1)"
                       "Move Left (S2)"
```

Network 3:

```
%I124.5

%I125.1

"Retro Sensor (
"Auto (S1.2)"

B1)"

Time

Time

"Timer Data"

T#5s PT ET ...
```

Network 4:

Network 2:

Totally Integrated **Automation Portal %M0.1**"Close Memory" **%I125.0** "Hand (S1.1)" **%1124.0 %1124.4** "Move Left (S2)" "Left Sensor (B2)" "Close Memory" %Q124.1
SR "Close Motor (K2)" **→** %M0.2 "Timer Data" %I124.1 "Stop (S3)" %I124.0 "Move Left (S2)" %I125.0 "Hand (S1.1)" **%I124.5**"Retro Sensor (B1)" -|/|