Totally Integrated	
Automation Portal	

# AUTODOOR123 / PLC\_1 [CPU 313C-2 DP] / Program blocks

# Main [OB1]

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

Main				
Name	Data type	Offset	Default value	Supervision Comment
<b>▼</b> 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:

```
%I0.3
"Button close"
                                                                       %I0.2
"RS"
                                                                                                                   %I0.4
"Button Stop"
                                                                                                                                             %Q0.4 "P3 open"
%10.6
                        %10.5
                                                                                               %10.0
"Hand"
                   "Button Open"
                                                                                           "retro sensor"
                                                                                                                                               \prec \succ
%I0.7
"Auto"
                                                                                                                                             %Q0.0
"K1 open"
                       %M0.0
                  "Detected Hand"
                                                                                                                                               \prec \succ
                        %10.5
                   "Button Open"
```

# Network 2:

```
%l0.6
"Hand"
                                                  %I0.5
"Button Open"
                                                                                   %I0.1
"LS"
                                                                                                                                     %I0.4
"Button Stop"
                                                                                                                                                                  %Q0.2
"P1 Closing"
                                                                                                               %10.0
                            %10.3
                      "Button close"
                                                                                                          "retro sensor"
                                                         <del>-</del>1/1-
                                                                                    <del>-</del>1/1-
                                                                                                                                                                      \prec \succ
%I0.7
"Auto"
                                                                                                                                                                   %Q0.1
"K2 close"
                           %M0.0
                     "Detected Hand"
                                                                                                                                                                     \prec \succ
                      %l0.3
"Button close"
```

## Network 3:

```
%DB1
"IEC_Timer_O_DB"

%IO.2
"RS"
Time
Timer"

T#5s — PT ET ...
```

### Network 4:

```
%M0.0

"Timer"

RS

R Q

"retro sensor"

51
```