Totally Integrated Automation Portal

TopPanelTemplate / PLC_1 [CPU 1512C-1 PN] / Program blocks

Main [OB1]

Main Properties										
General										
Name	Main	Number	1	Туре	ОВ	Language	LAD			
Numbering	Automatic									
Information										
		Author		Comment		Family				
	cle)"									
Version	0.1	User-defined ID								

Main								
Name	Data type	Default value	Comment					
▼ Input								
Initial_Call	Bool		Initial call of this OB					
Remanence	Bool		=True, if remanent data are available					
Temp								
Constant								

Network 1:

Network 2:

```
%M1.0
"Error"
"StopConditions"

%I11.1
"PBStop"
```

Network 3:

```
%DB1
"IEC_Timer_0_DB"
                                                            %M1.0
"Error"
   %I10.2
                  Time
"CapacitySensor"
              - IN
                    Q -
     %DB9
"IEC_Timer_O_
DB_8"
                 TON
Time
   %I10.1
"Arm1IsExtended"
               IN
                       Q-
                      ET — T#0ms
   T#3S_250MS — PT
                 %DB12
               "IEC_Timer_0_
DB_11"
                  TON
   %I10.3
"Arm2IsExtended"
```

Network 4:

Network 5:

```
Totally Integrated
  Automation Portal
                                                                        %DB3
"IEC_Timer_0_
DB_2"
                                                                           TON
                                                                                                        %M1.2 "Wait"
                                                                                                                   "ItemDetectedTim
er"
                                                            %I10.0
                                                           "DetectItem"
                                                               "ItemDetectedTim
er"
Network 6:
                                                                                                                    %DB4
"IEC_Timer_0_
DB_3"
                                                                           %DB2
                                                                        "IEC_Timer_0_
DB_1"
                                                                            TON
                                                                                                                       TOF
                                              %M1.1
                                                                                                                                   "ItemsQued"
                                             "ItemSent"
                                                                         · IN Q -
                                                                                                      Network 7:
                                                                        "IEC_Timer_0_
DB_4"
                                                                                                                    "IEC_Timer_0_
DB_5"
                                                            %M1.5
                                              %M1.1
                                                         "ItemDetectedTim
                                             "ItemSent"
                                                                                                                                  "ItemsNotQued"
                                                                                                       T#2S_900MS — PT
                                                               T#600MS — PT
                                                                                ET — T#0ms
Network 8:
                                                                                                                       %M1.2
"Wait"
                                                            %M1.6
                                                          "ItemsNotQued"
                                                             %M1.7
                                                           "ItemsQued"
Network 9:
                                                                           %M1.2 "Wait"
                                                                                       %Q4.1
"Arm1Extend"
                                                                                                     %Q4.2
"Arm2Extend"
                                                                                                                    %Q4.3
"RetractPiston"
                                                             %Q4.0
                                                           "Conveyor"
Network 10:
                                                                                                     %Q4.1
"Arm1Extend"
                                                                                                                    %M10.5
"Arm1Timer"
                                                          %Q4.3
"RetractPiston"
                                                                       "DetectMetalicIte
m"
                                                                                      %M6.4
"ClearFirstArm"
                                                                                                        --//-
                                                            %M10.5
                                                           "Arm1Timer"
Network 11:
                                                                %DB7
"IEC_Timer_0_
DB_6"
                                                                                                            %DB8
"IEC_Timer_0_
DB_7"
                                                                 TON
                                                                                                               TOF
                                                                                                                              %Q4.1
                                                                                                            Time
                                                   "Arm1Timer"
                                                                 Time
                                                                 - IN Q -
                                                                                                Network 12:
```

