Totally Integrated Automation Portal	
· ·	

Tank Project Factory IO / PLC_1 [CPU 1211C DC/DC/DC] / Program blocks

Main_1 [OB123]

Main_1 Properties							
General							
Name	Main_1	Number	123	Type	OB		
Language	LAD	Numbering	Automatic				
Information							
Title	"Main Program Sweep (Cycle)"	Author		Comment			
Family		Version	0.1	User-defined ID			

Main_1						
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:

System Run Instruction

```
%M0.1
"Emergency Stop"
                                                    %I0.2
"Start PB"
                                                                         %M0.4
"Reset Mode"
                                                                                                  %M0.0
"Sys Run"
      %10.1
    "Stop PB"
       4 F
                                                       4 F
                                                                                                     ( )-
                                                    %M0.0
                                                    "Sys Run"
                                                      <del>|</del> | |
      %M0.0
                                                                                                    %Q1.0
    "Sys Run"
                                                                                                  "Start Light"
                                                                                                     ( )-
     %M0.0
                             %M0.1
                                                                                                    %Q1.1
    "Sys Run"
                       "Emergency Stop"
                                                                                                 "Stop Light"
       <del>-</del>1/1-
                                                                                                     <del>(</del> )-
                              <del>/</del>/}
     %M0.1
                            %M10.7
                         "Clock_0.5Hz"
"Emergency Stop"
       +
```

Network 2:

Emergency Stop Activation

Totally Integrated **Automation Portal** Network 3: Auto Manual Selector Switch **%10.7** "Manual" %M0.3 "Auto Mode" %M0.2 "Manual Mode" 1/} ()-%M0.2 %M0.3 %10.6 "Manual Mode" "Auto Mode" "Auto" -|/|-Network 4: Reset Mode **%10.3**"Reset PB" %M0.4 "Reset Mode" "Reset Timer".Q ()-+-1/1-%M0.4 %DB1 "Reset Mode" "Reset Timer" TON Time · IN Q-T#3S — PT ET — ... %M0.4 %Q0.5 "Reset Mode" "Reset Light" -1/1-()-