

Example_Library

RSE - Control Systems

UK

9/12/2025 3:44 PM



Dispenser_Main [FB1]

Dispenser_Main Properties											
General											
Name	Dispenser_Main	Number	1	Туре	FB	Language	LAD				
Numbering	Automatic						•				
Information											
Title	Main Block for Dispenser Ele- ment and Conveyor Running	Author		Comment	Holds Code for Dispenser Project , Light Gates and Conveyor Belt Motor.	Family					
Version	0.1	User-defined ID			-	-	:				

Name	Data type	Default value	Retain	HMI/OPC UA/Web API	able from	HMI engi- neering	Setpoint	Super sion	vi-	Comment
Input										
Output										
InOut										
Static										
Temp										
Constant										

Network 1: Power Up

Enabled Power To System



```
%M1.0

"Power_ON"

SR

S Q

%M1.1

"Power_OFF"

R1
```

Network 2: Conveyor Belt

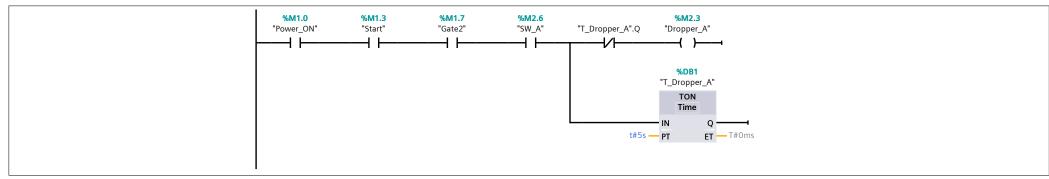
Running Belt Logic

```
%M1.2
                     %M1.3
                                        %M1.6
                                                                             %M2.6
                                                                                               %M2.3
                                                                                                                  %M2.4
                                                                                                                                    %M2.5
                                                                                                                                                      %M1.5
                                                                             "SW_A"
"Power_Active"
                      "Start"
                                        "Gate1"
                                                                                             "Dropper_A"
                                                                                                                "Dropper_B"
                                                                                                                                  "Dropper_C"
                                                                                                                                                      "Motor"
                                        %M3.1
                                                          %M2.2
                                                                             %M2.7
                                                                                                                                                      %M3.1
                                                          "Gate5"
                                                                             "SW_B"
                                   "Process_Started"
                                                                                                                                                  "Process_Started"
                                                                             %M3.0
                                                                             "SW_C"
   %M2.2
   "Gate5"
```

Network 3: Dropper A

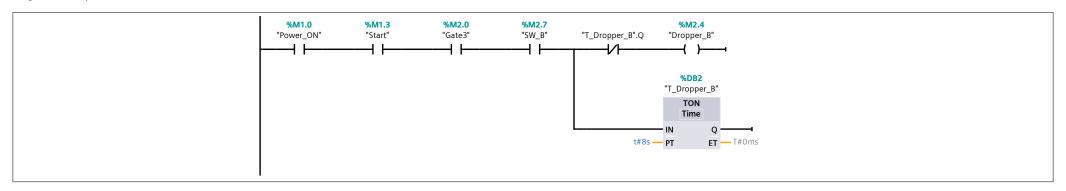
Logic for Dispenser 1





Network 4: Dropper B

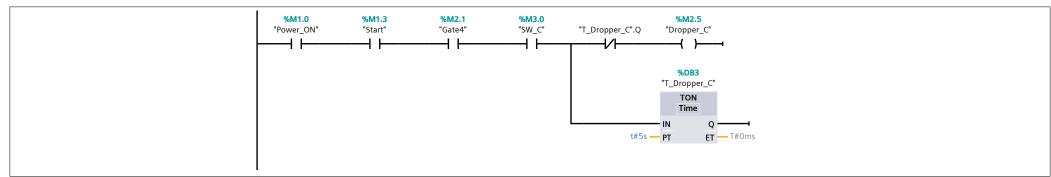
Logic for Dispenser 2



Network 5: Dropper C

Logic for Dispenser 3





Network 6: Spare Network