

XY_PLOTTER

Totally Integrated Automation Portal		
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Totally Integrated Automation Portal		
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Main [OB1]

Main Properties

General

Name	Main	Number	1	Type	OB	Language	LAD
Numbering	Automatic						

Information

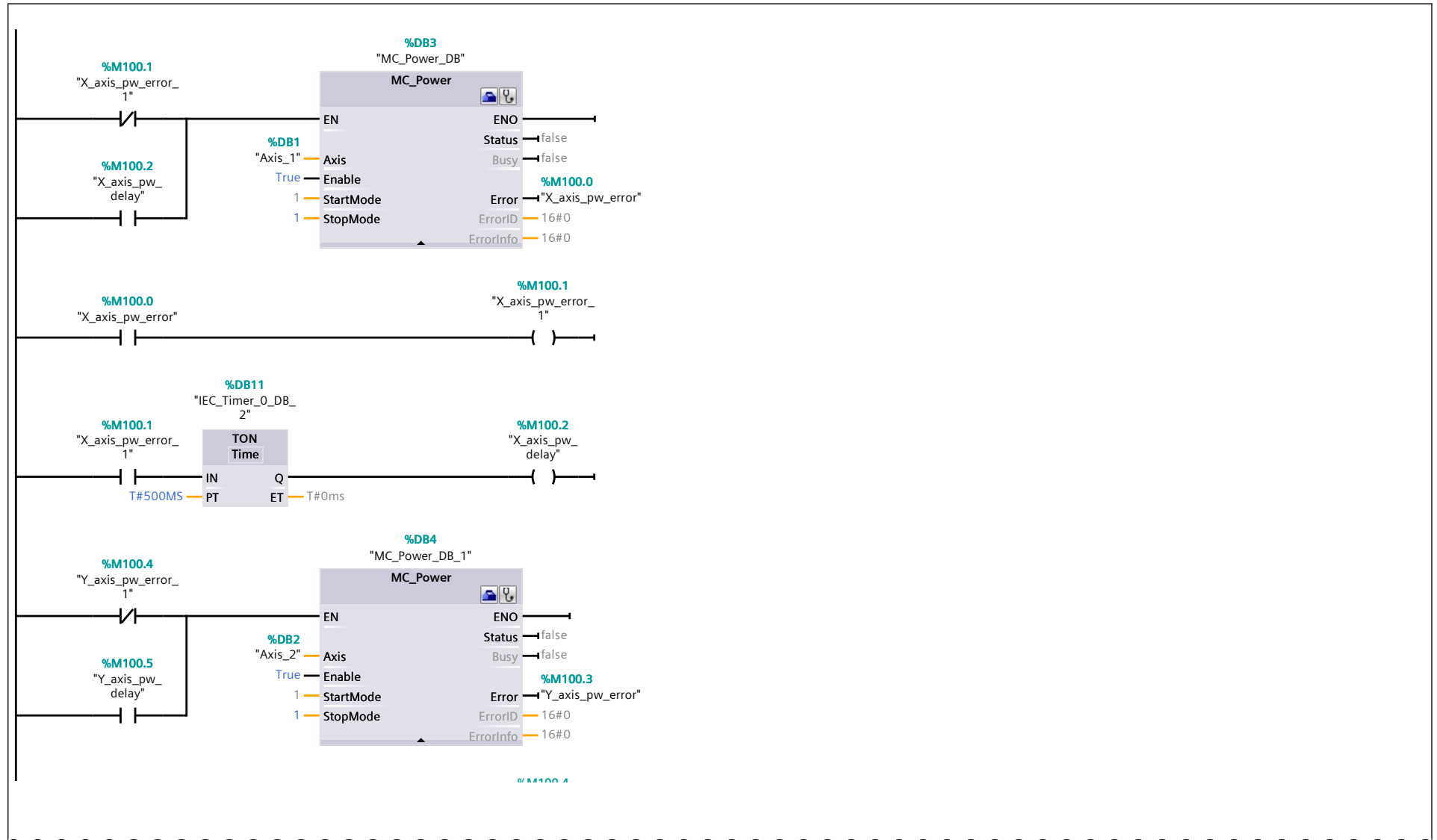
Title	"Main Program Sweep (Cycle)"	Author		Comment		Family	
Version	0.1	User-defined ID					

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: POWER

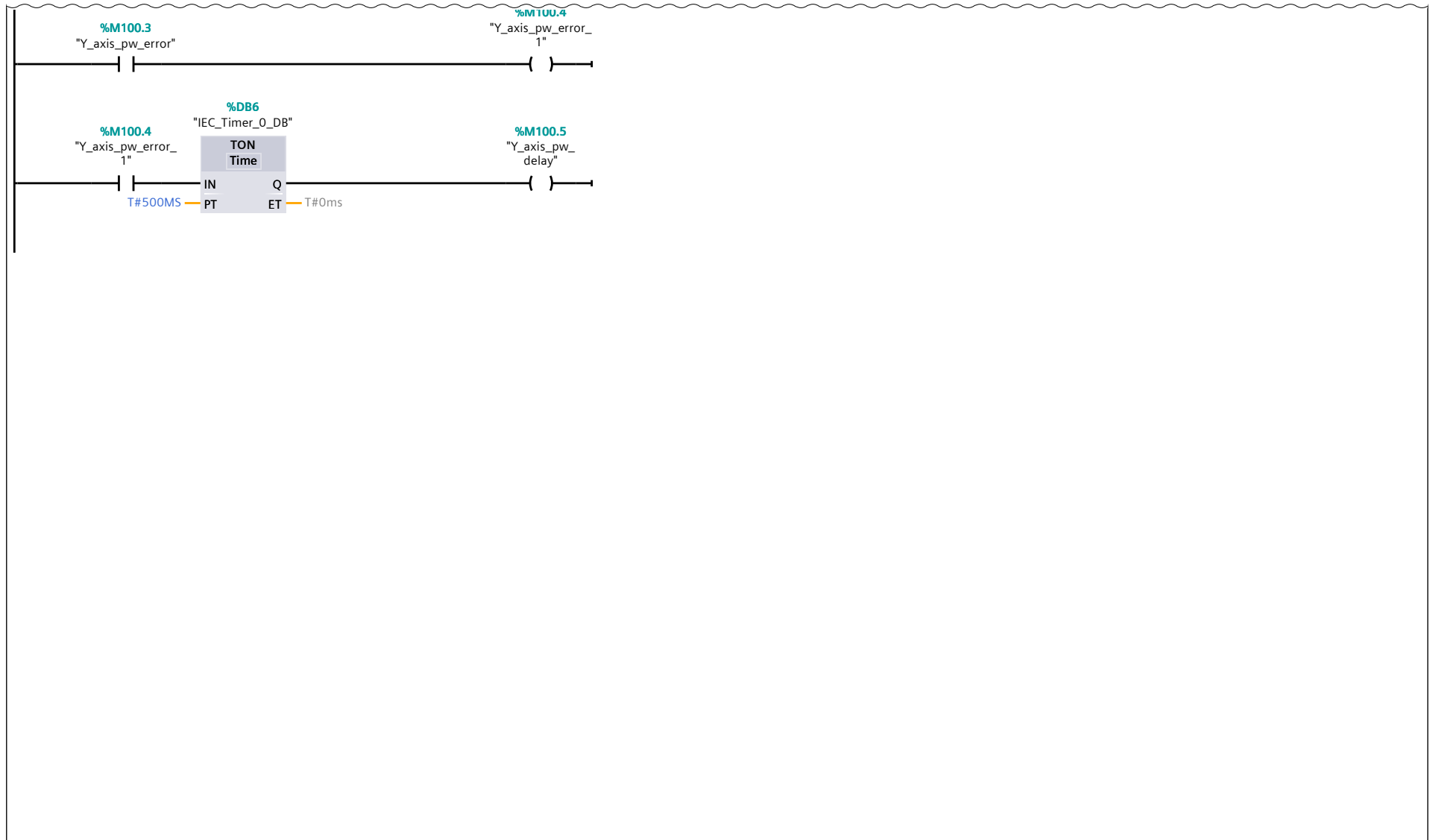
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Network 1: POWER (1.1 / 2.1)

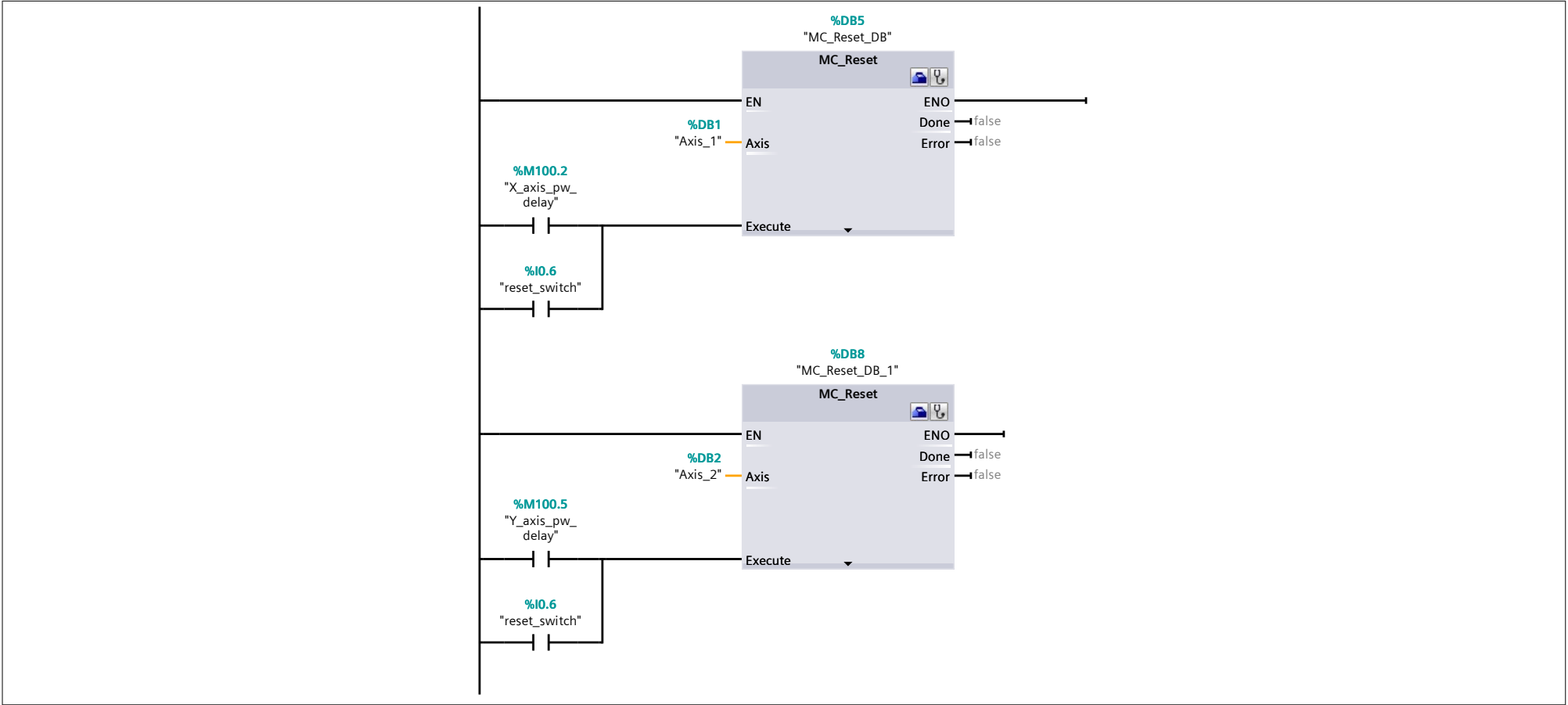


Network 1: POWER (2.1 / 2.1)

1.1 (Page3 - 2)

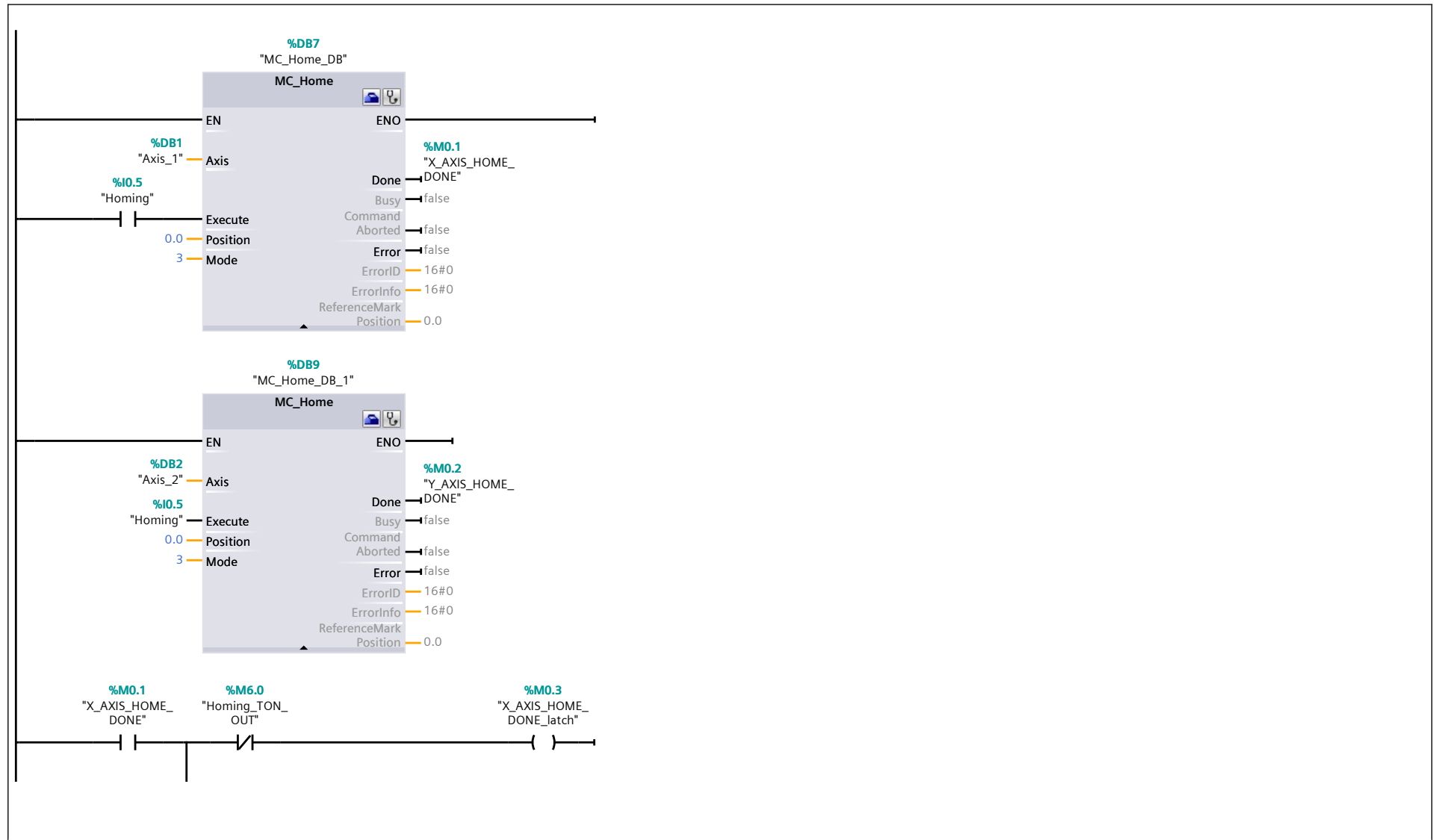


Network 2: RESET



Network 3: HOME

Network 3: HOME (1.1 / 3.1)



Network 3: HOME (2.1 / 3.1)

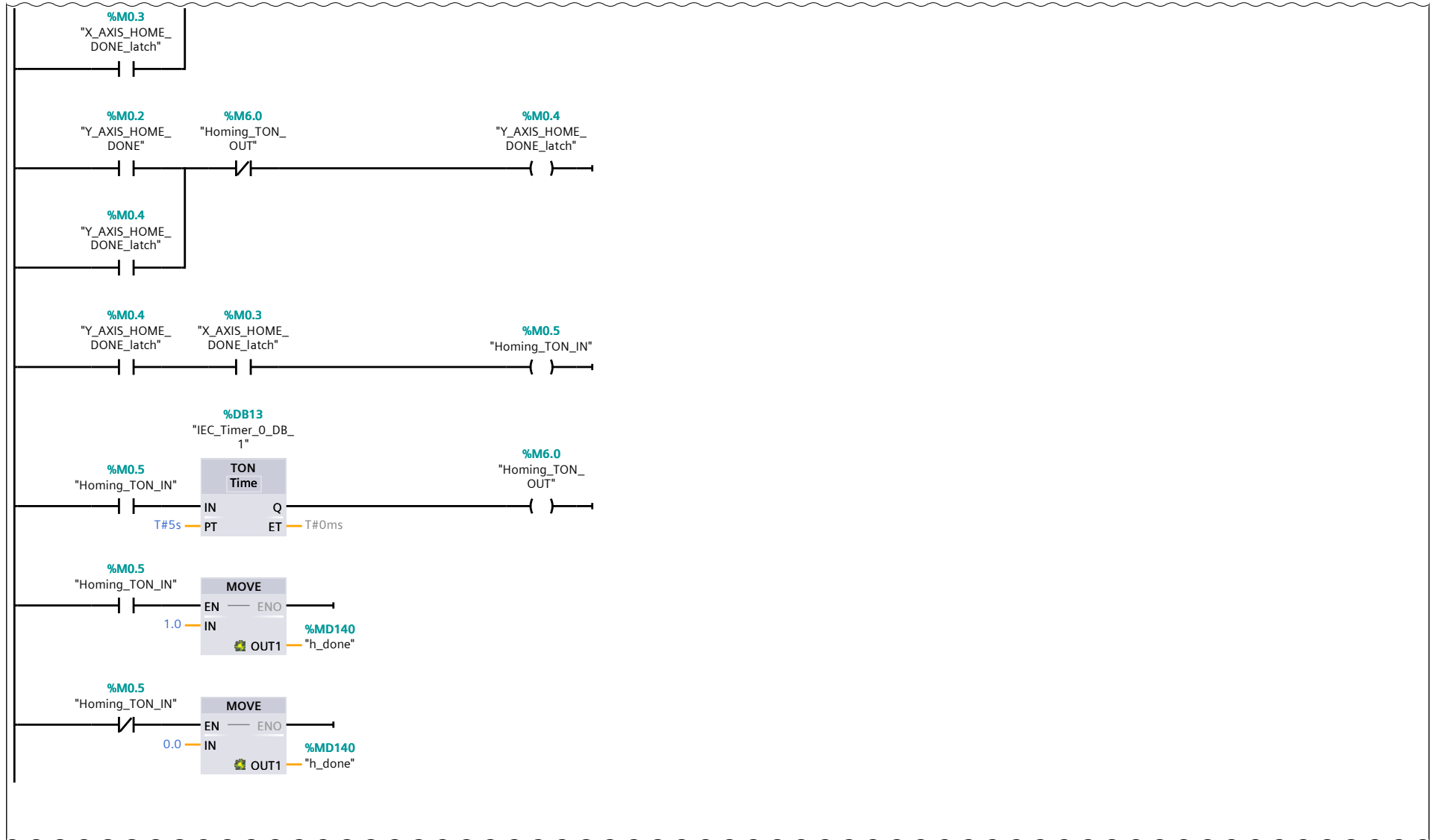
1.1 (Page3 - 5)

```
graph TD
    M03["%M0.3  
\"X_AXIS_HOME_DONE_latch\""]
    M02["%M0.2  
\"Y_AXIS_HOME_DONE\""]
    M60["%M6.0  
\"Homing_TON_OUT\""]
    M04_top["%M0.4  
\"Y_AXIS_HOME_DONE_latch\""]
    M04_bot["%M0.4  
\"Y_AXIS_HOME_DONE_latch\""]
    M03_bot["%M0.3  
\"X_AXIS_HOME_DONE_latch\""]
    M05["%M0.5  
\"Homing_TON_IN\""]
    DB13["%DB13  
\"IEC_Timer_0_DB_1\""]
    TON["TON Time  
IN PT ET Q  
T#5s T#0ms"]
    M60_bot["%M6.0  
\"Homing_TON_OUT\""]
    M05_1["%M0.5  
\"Homing_TON_IN\""]
    MOVE1["MOVE  
EN ENO IN OUT1  
1.0 %MD140  
\"h_done\""]
    M05_2["%M0.5  
\"Homing_TON_IN\""]
    MOVE2["MOVE  
EN ENO IN OUT1  
0.0 %MD140  
\"h_done\""]

    M03 --> AND1
    M02 --> AND1
    M60 --> AND1
    M04_top --> AND1
    AND1 --> S_M04["S %M0.4  
\"Y_AXIS_HOME_DONE_latch\""]
    M04_bot --> R_M05["R %M0.5  
\"Homing_TON_IN\""]
    M03_bot --> R_M05
    R_M05 --> R_M05
    M05 --> TON
    TON -- Q --> R_M60["R %M6.0  
\"Homing_TON_OUT\""]
    R_M60 --> R_M60
    M05_1 --> MOVE1
    MOVE1 -- OUT1 --> h_done1["h_done"]
    M05_2 --> MOVE2
    MOVE2 -- OUT1 --> h_done2["h_done"]
```

3.1 (Page3 - 7)

1.1 (Page3 - 5)



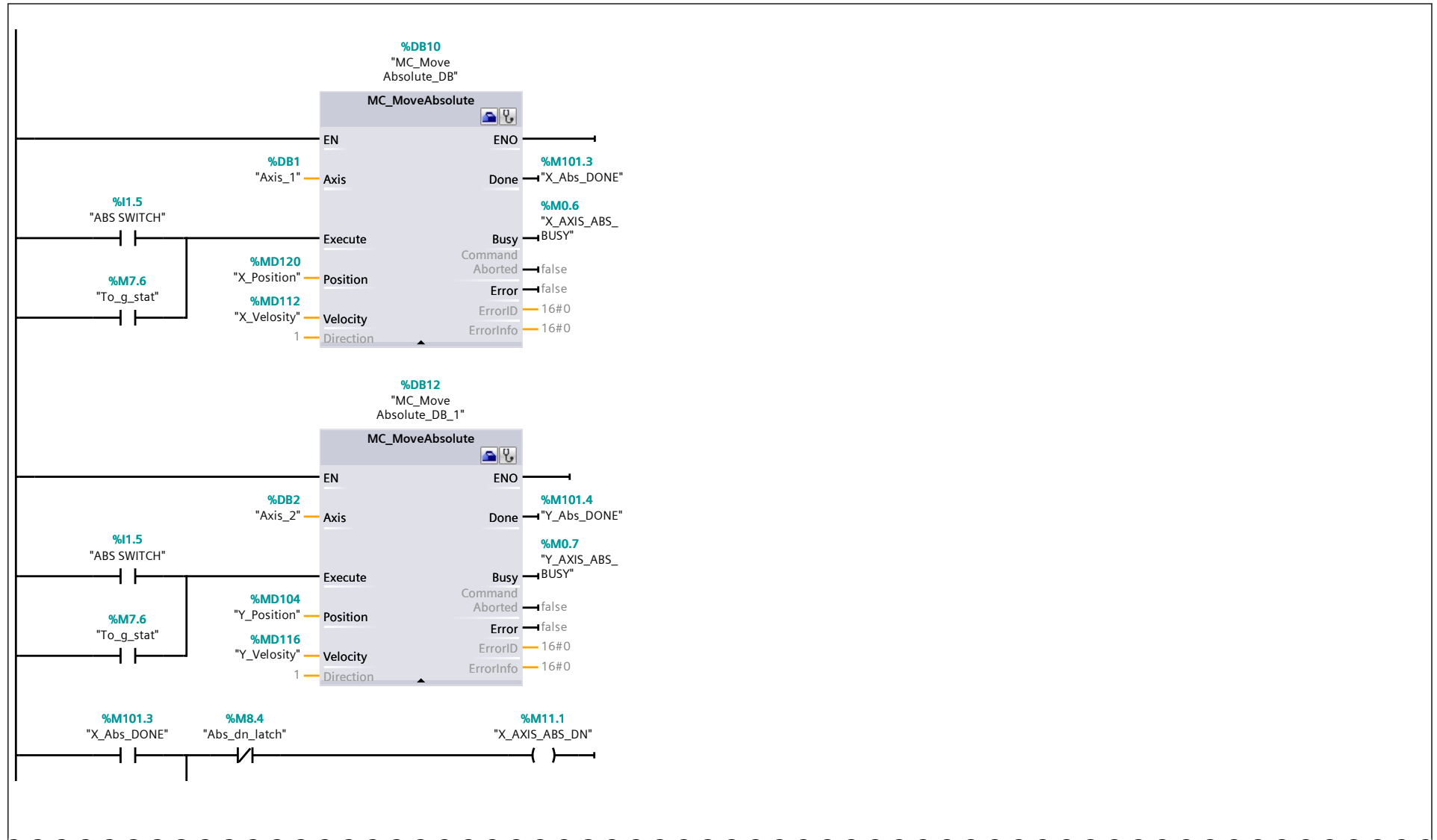
3.1 (Page3 - 7)

Network 3: HOME (3.1 / 3.1)

2.1 (Page3 - 6)

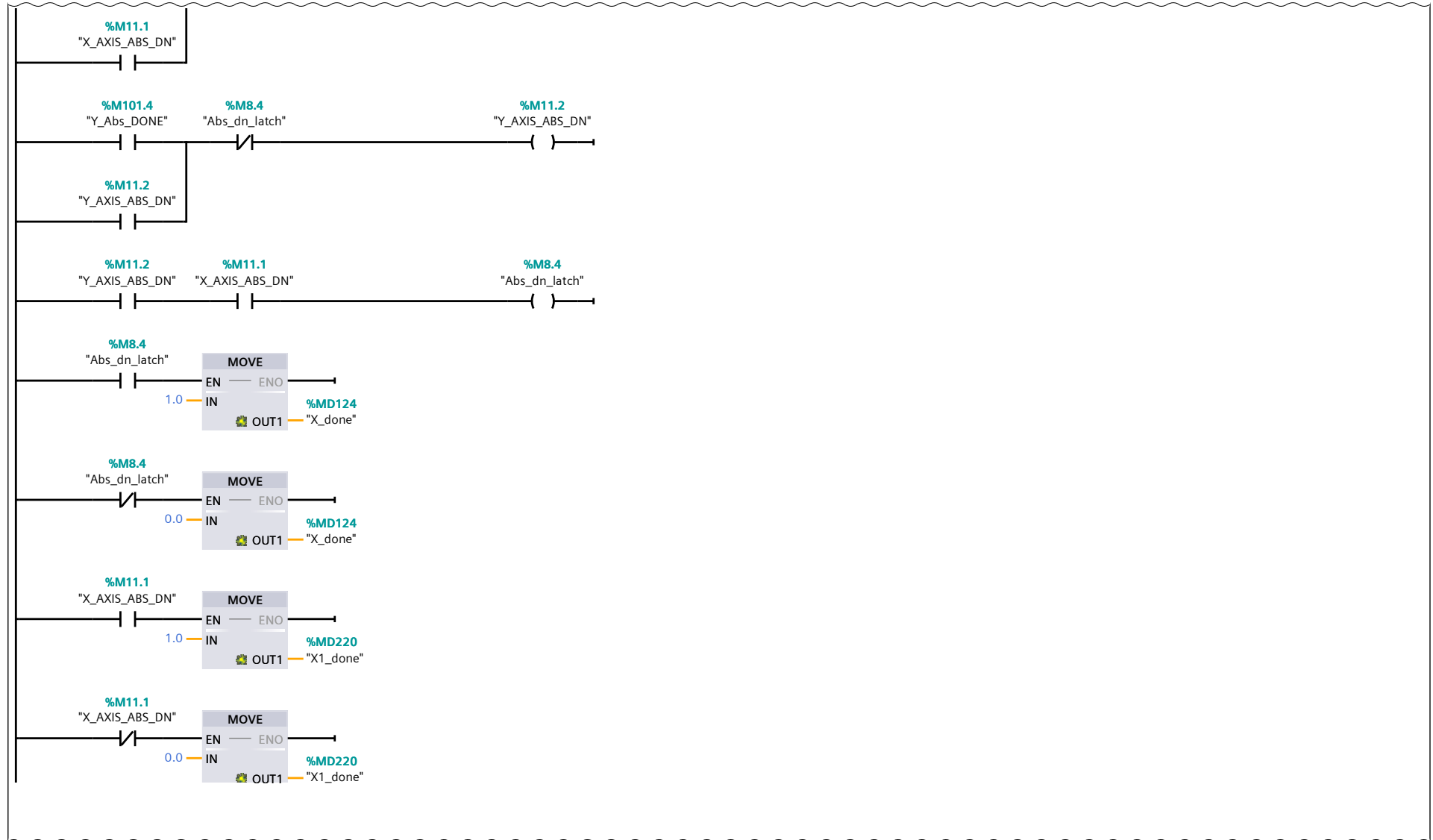


Network 4: Absolute (1.1 / 3.1)



Network 4: Absolute (2.1 / 3.1)

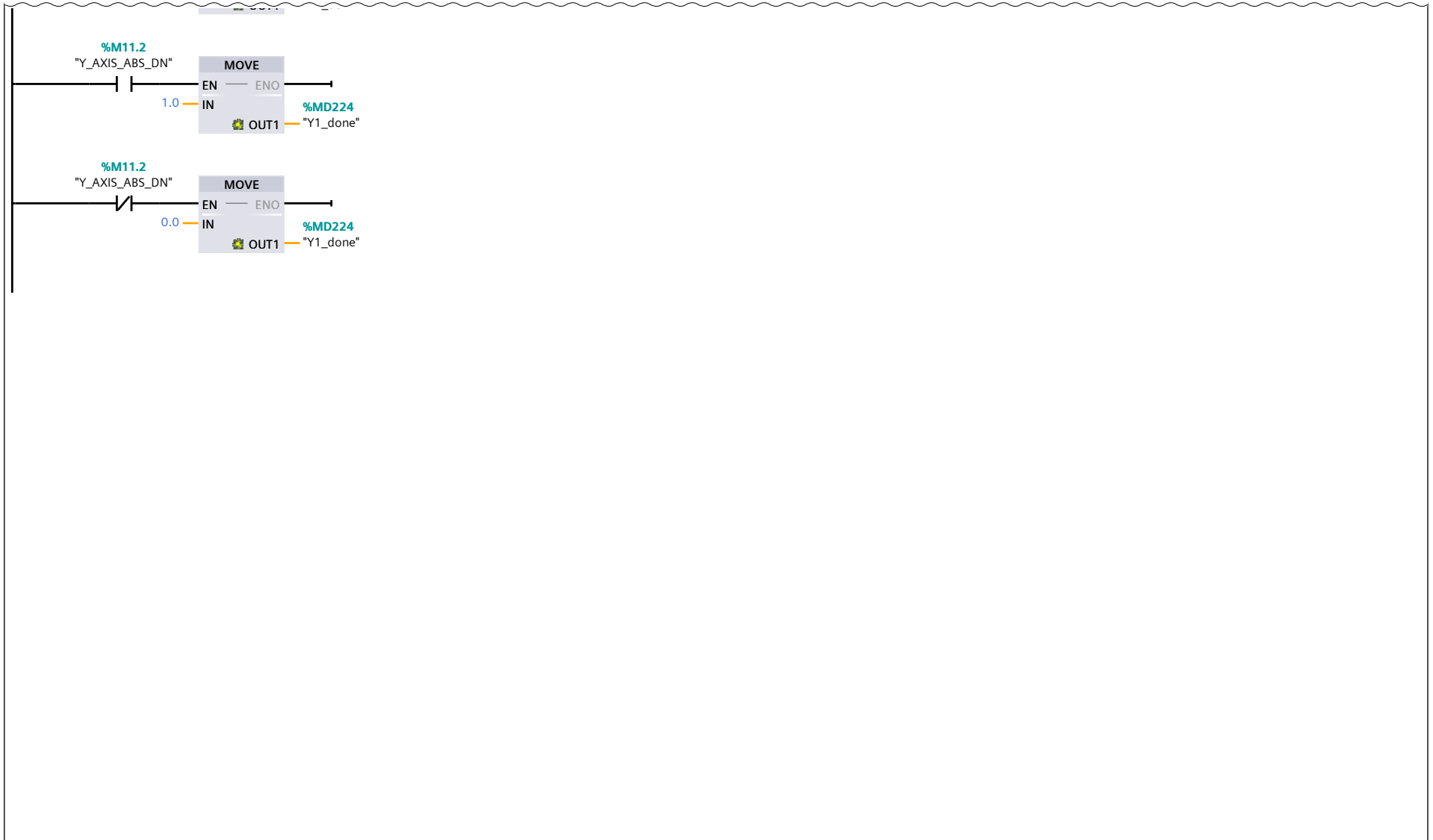
1.1 (Page3 - 9)



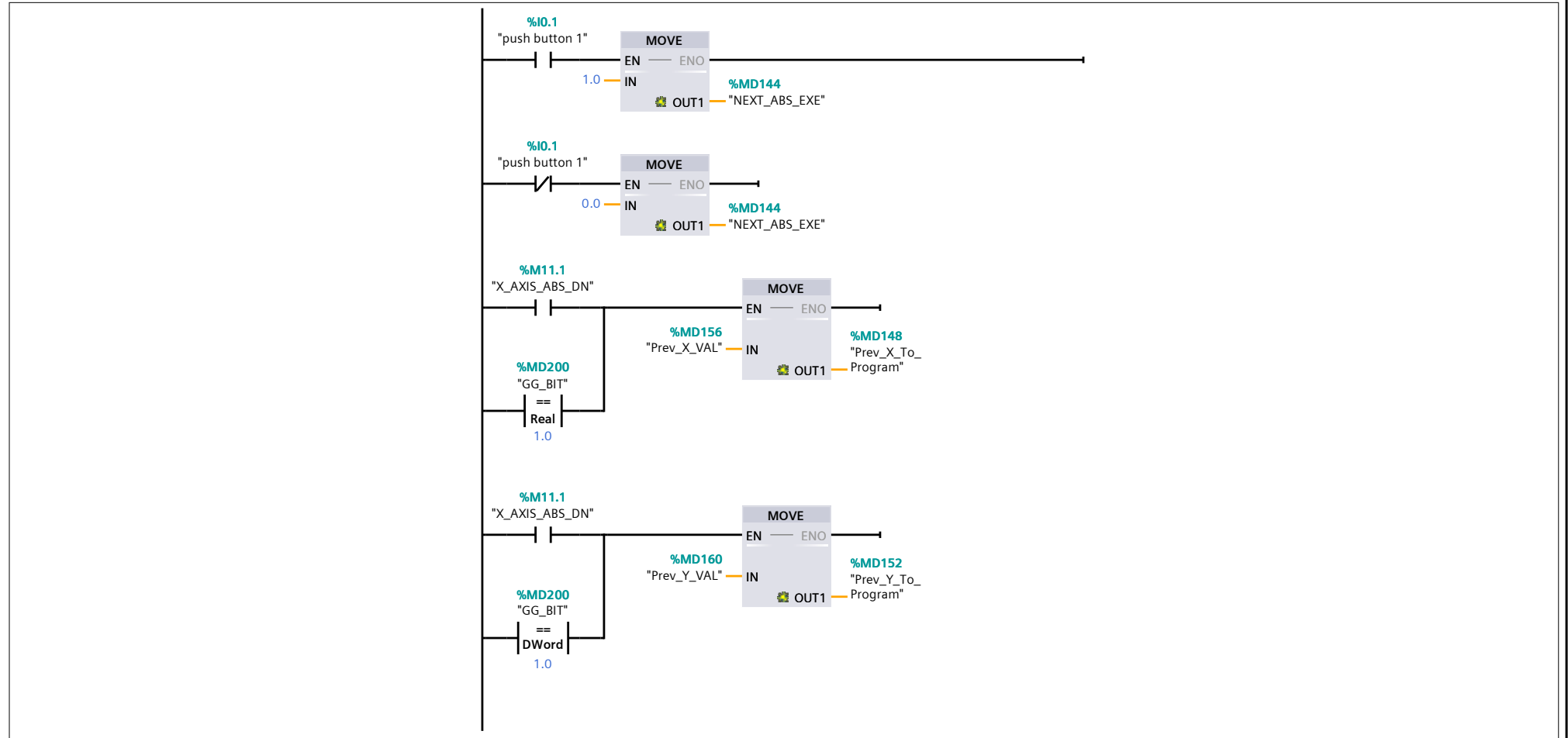
3.1 (Page3 - 11)

Network 4: Absolute (3.1 / 3.1)

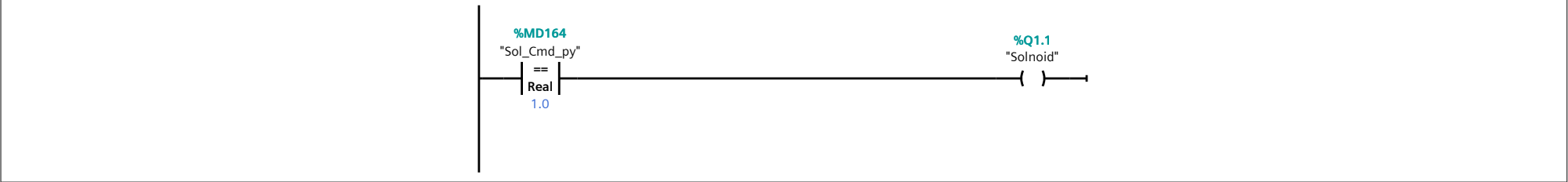
2.1 (Page3 - 10)



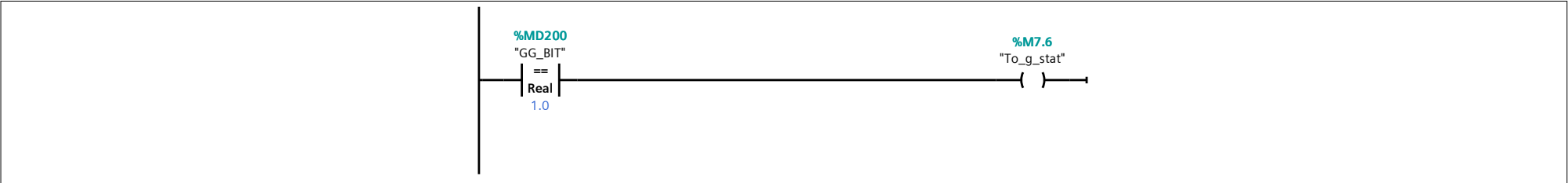
Network 5:

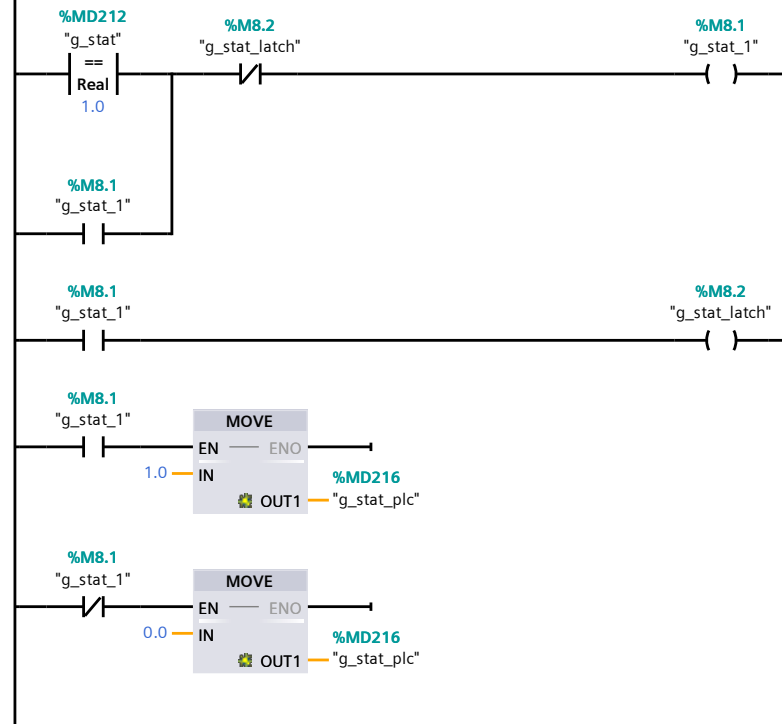


Network 6:

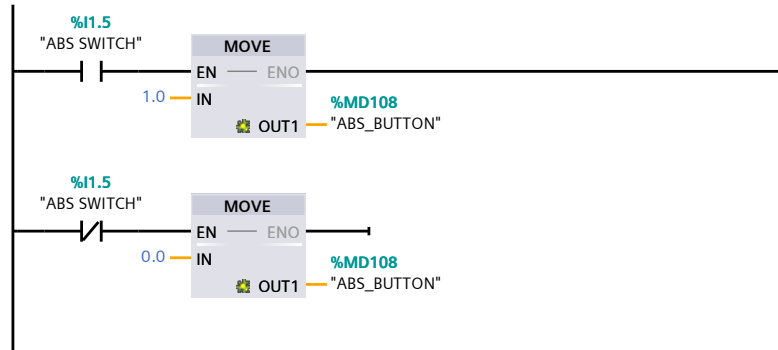


Network 7:



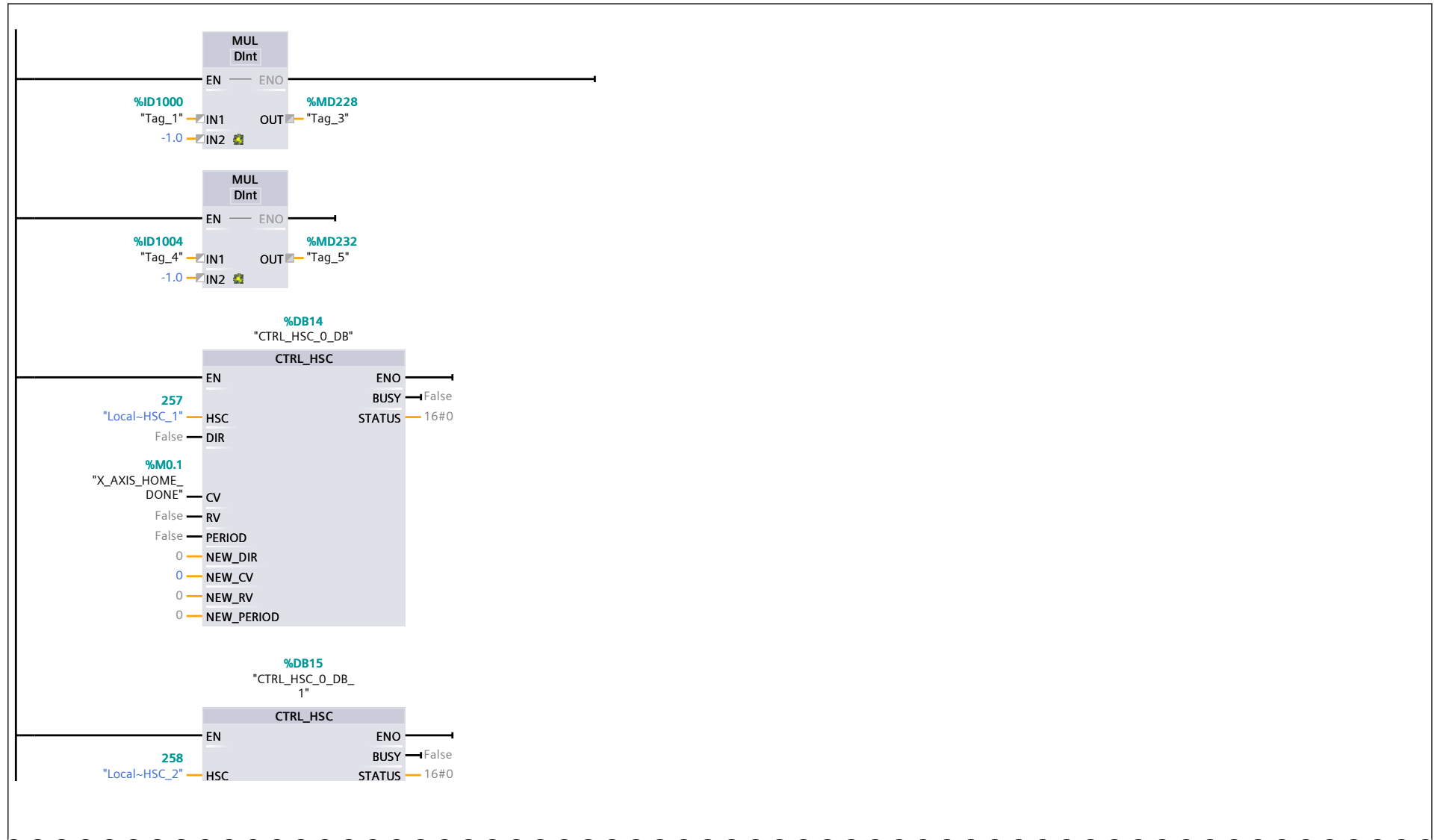


Network 9:



Network 10:

Network 10: (1.1 / 2.1)



Network 10: (2.1 / 2.1)

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Network 11:

