

Totally Integrated Automation Portal		
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Main [OB1]		3 - 1

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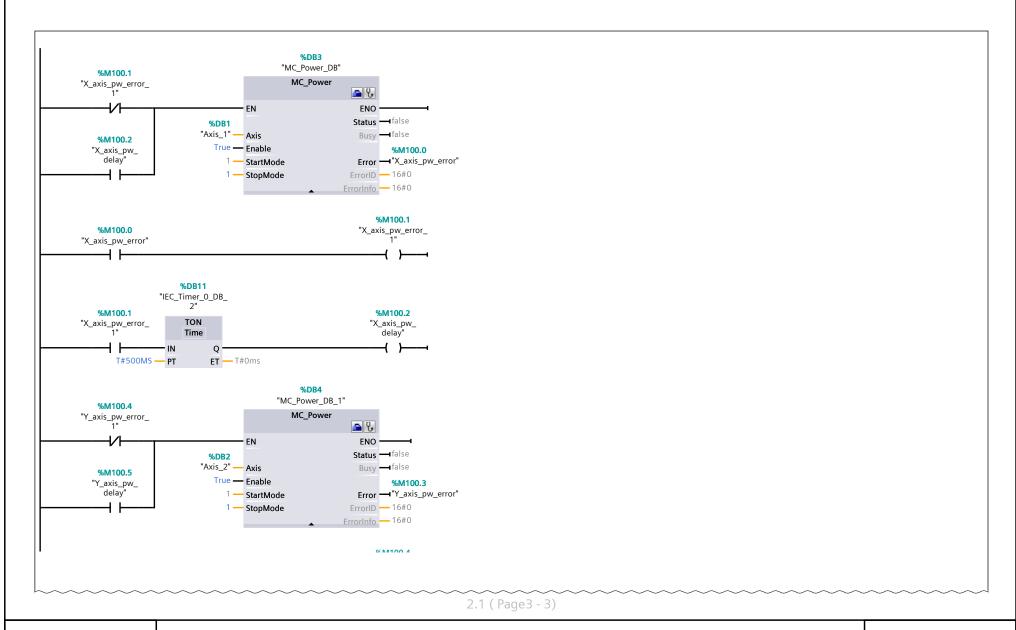
Main [OB1]

Main Propertie	Main Properties						
General							
Name	Main	Number	1	Туре	ОВ	Language	LAD
Numbering	Automatic		•				
Information							
Title	"Main Program Sweep (Cy- cle)"	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

Network 1: POWER (1.1 / 2.1)



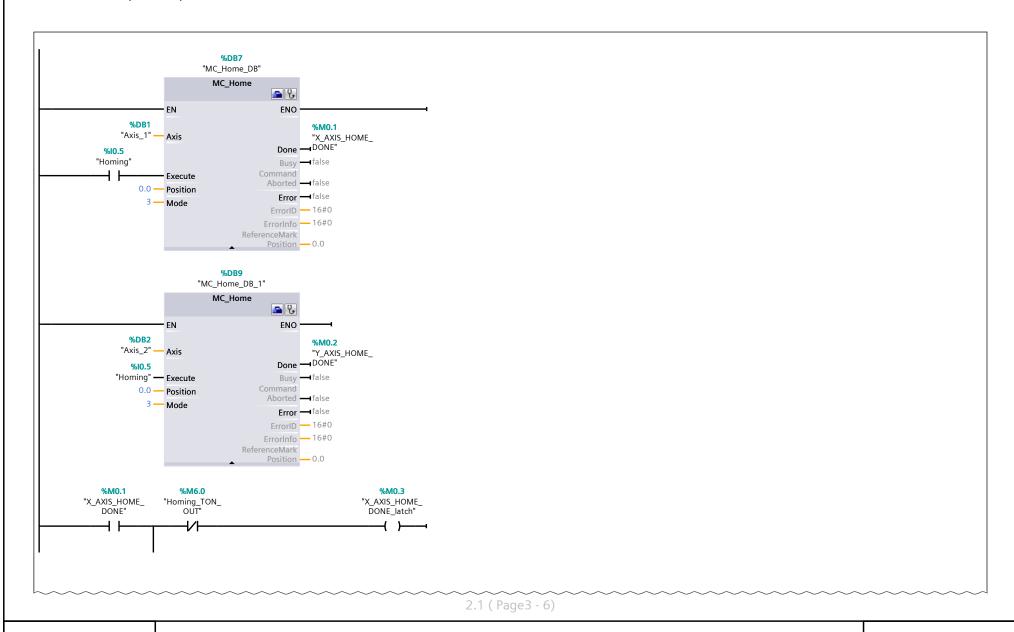
work 1: POWER (2.1 / 2.1)		L	
VOIR 1. 1 OWER (2.1 / 2.1)	1.1 (Page 2 - 2)		
	1.1 (Page3 - 2)	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~
%M100.3 "Y_axis_pw_error"	"Y_axis_pw_error_ 1"		
	()		
% DB6 "IEC_Timer_0_DB"			
"Y_axis_pw_error_ TON	%M100.5 "Y_axis_pw_ delay"		
1" Time Q	delay"		
T#500MS — PT	· •		
1			

Network 2: RESET

```
%DB5
                                             "MC_Reset_DB"
                                               MC_Reset
                                                              ENO -
                                                             Done → false
                           %DB1
                          "Axis_1" — Axis
                                                              Error → false
  %M100.2
"X_axis_pw_
delay"
                                    Execute
   %10.6
"reset_switch"
                                                %DB8
                                           "MC_Reset_DB_1"
                                               MC_Reset
                                                              ENO -
                                                             Done → false
                            %DB2
                          "Axis_2" — Axis
                                                              Error → false
  %M100.5
"Y_axis_pw_
delay"
                                    Execute
   %10.6
"reset_switch"
```

Network 3: HOME

Network 3: HOME (1.1 / 3.1)



%M0.5
"Homing_TON_IN"

IN Q
T#5s PT ET T#0ms

%M0.5
"Homing_TON_IN"

MOVE
EN EN EN WMD140
WMD140
Wh_done"

%MD140

4 OUT1 — "h_done"

%M0.5
"Homing_TON_IN"

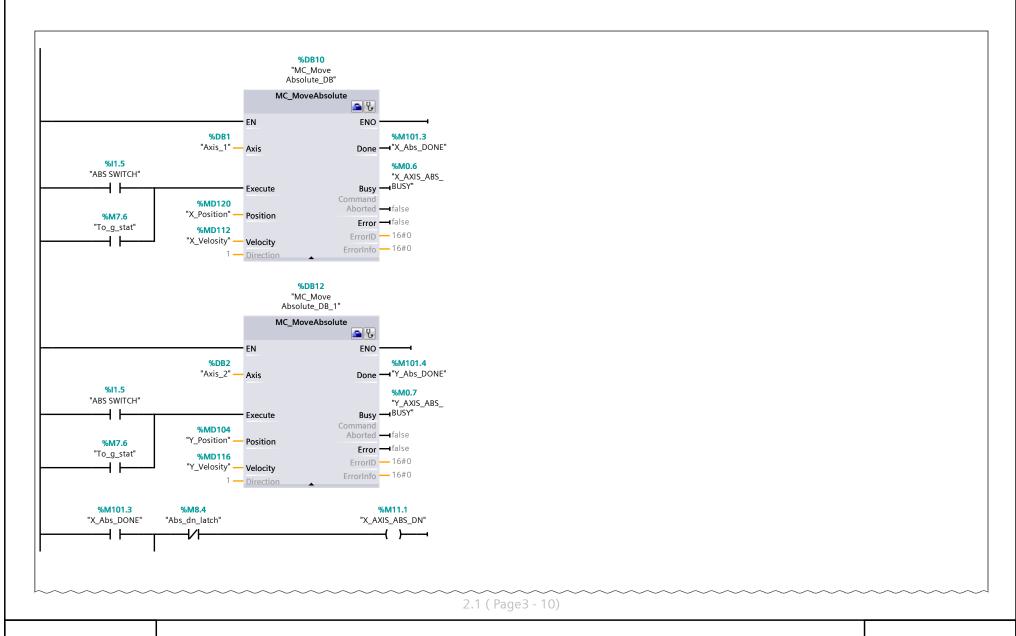
0.0 — IN

3.1 (Page3 - 7)

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Network 3: HOME (3.1	23.1) 2.1 (Page3 - 6)	
	Z.I (tages - to)	

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Network 4: Absolute	
	1

Network 4: Absolute (1.1 / 3.1)



3.1 (Page3 - 11)

%M11.1 "X_AXIS_ABS_DN"

MOVE
- EN - ENO -

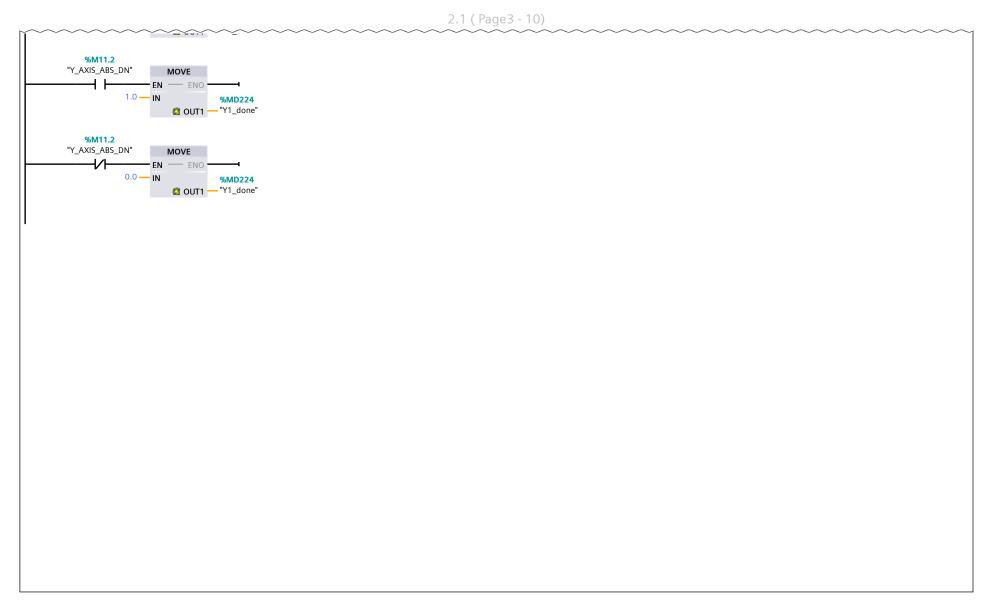
a out1 — "X1_done"

%MD220

0.0 — IN

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Network 4: Absolute (3.1 / 3.1)



Network 5:

```
%10.1
"push button 1" MOVE
         — EN — ENO —
    1.0 — IN %MD144
           OUT1 — "NEXT_ABS_EXE"
   %I0.1
"push button 1" MOVE
  EN — ENO —
   0.0 — IN %MD144
           OUT1 — "NEXT_ABS_EXE"
  %M11.1
"X_AXIS_ABS_DN"
                     MOVE
                    — EN — ENO — —
             2 OUT1 — Program"
  %MD200
  "GG_BIT"
  | == |
  Real
   1.0
  %M11.1
"X_AXIS_ABS_DN"
                      MOVE
                     — EN — ENO — —
             %MD160
"Prev_Y_VAL" IN 

%MD152
"Prev_Y_To_
  %MD200
               OUT1 — Program"
  "GG_BIT"
  | == |
  DWord
   1.0
```

Network 6:

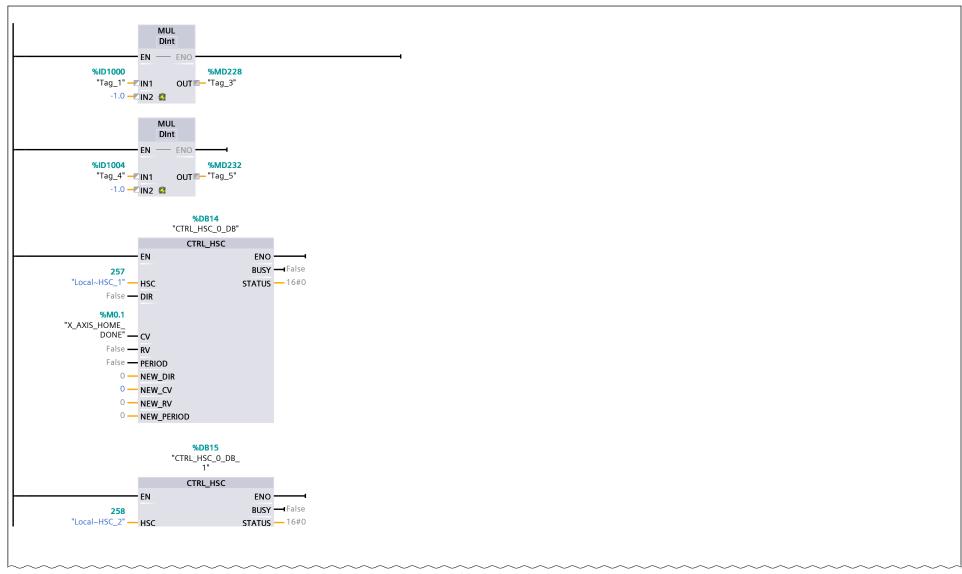
```
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                                                               %MD164
                                                                                                                          %Q1.1
"Solnoid"
                                                             "Sol_Cmd_py"
                                                               == |
Real
                                                                 1.0
Network 7:
                                                               %MD200
                                                                                                                           %M7.6
                                                              "GG_BIT"
                                                                                                                          "To_g_stat"
                                                               == |
Real
                                                                1.0
Network 8:
```

Totally Integrated **Automation Portal** %MD212 %M8.2 %M8.1 "g_stat" "g_stat_latch" "g_stat_1" == | Real 1.0 %M8.1 "g_stat_1" %M8.1 %M8.2 "g_stat_latch" "g_stat_1" %M8.1 "g_stat_1" MOVE — EN — ENO —— 1.0 — IN %MD216 OUT1 — "g_stat_plc" %M8.1 "g_stat_1" MOVE — EN — ENO —— 0.0 — IN %MD216 OUT1 — "g_stat_plc" Network 9:

Totally Integrated Automation Portal %I1.5 "ABS SWITCH" MOVE EN --- ENO -1.0 — IN %MD108 OUT1 ─ "ABS_BUTTON" %I1.5 "ABS SWITCH" MOVE **→ EN** — ENO — **→** 0.0 — IN %MD108 a out1 — "ABS_BUTTON" Network 10:

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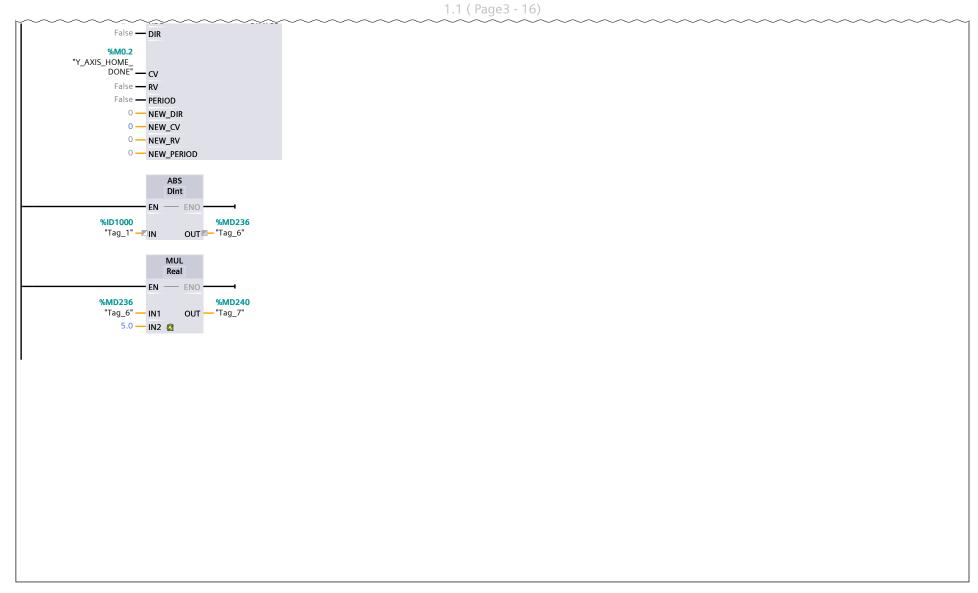
Network 10: (1.1 / 2.1)



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Network 10: (2.1 / 2.1)





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Network 11:		
	"Axis_1".Actual Position IN OUT1 "Tag_8" MOVE EN ENO "Axis_2".Actual Position IN OUT1 "Tag_9"	
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