

Main_Program [OB1]

Main_Program Properties

General

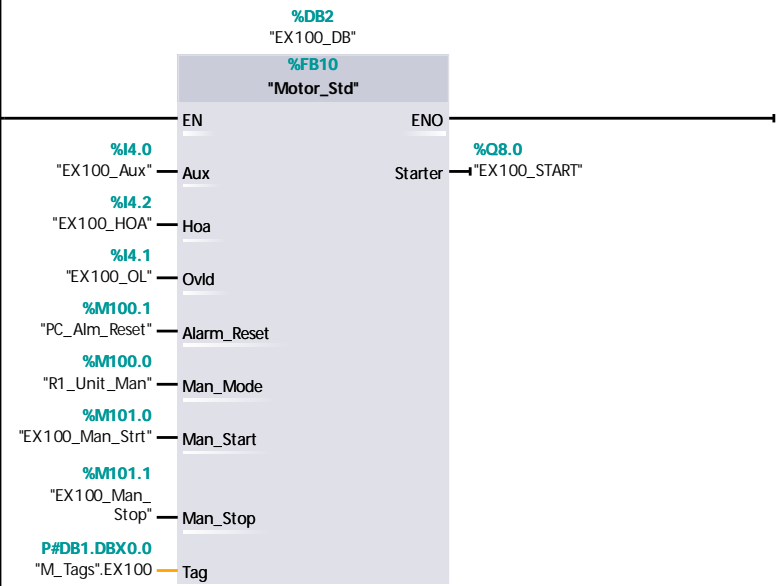
Name	Main_Program	Number	1	Type	OB
Language	LAD	Numbering	Manual		

Information

Title	"Main Program Sweep (Cycle)"	Author		Comment	Example 21.1 Motor control Copyright (c) 2013 Dogwood Valley Press, LLC
Family		Version	0.1	User-defined ID	

Name	Data type	Default value
▼ Temp		
OB1_EV_CLASS	Byte	
OB1_SCAN_1	Byte	
OB1_PRIORITY	Byte	
OB1_OB_NUMBR	Byte	
OB1_RESERVED_1	Byte	
OB1_RESERVED_2	Byte	
OB1_PREV_CYCLE	Int	
OB1_MIN_CYCLE	Int	
OB1_MAX_CYCLE	Int	
OB1_DATE_TIME	Date_And_Time	
Constant		

Network 1:



Motor_Std [FB10]

Motor_Std Properties

General

Name	Motor_Std	Number	10	Type	FB
Language	LAD	Numbering	Manual		

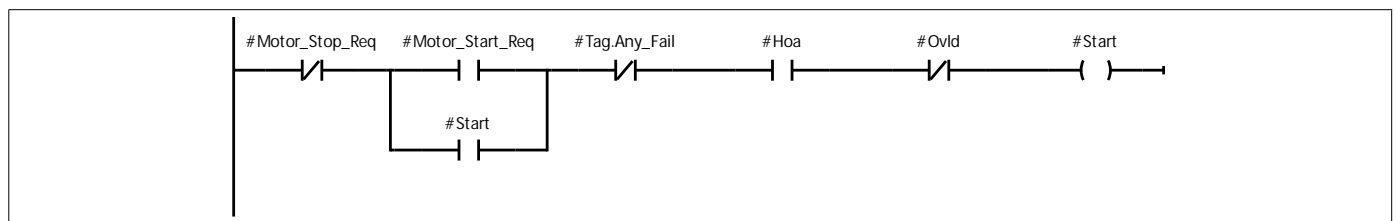
Information

Title		Author		Comment	Example 21.1 Motor Control Copyright (c) 2013 Dogwood Valley Press, LLC
Family		Version	0.1	User-defined ID	

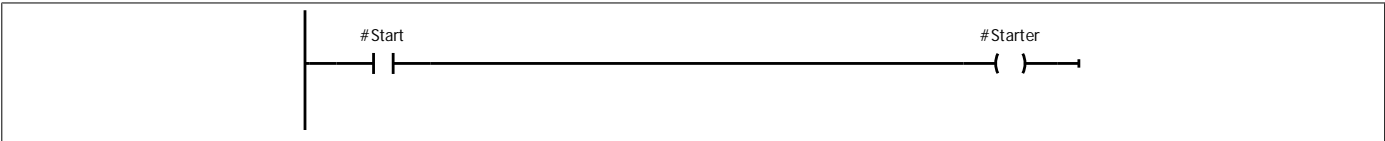
Name	Data type	Default value
▼ Input		
Aux	Bool	false
Hoa	Bool	false
Ovld	Bool	false
Alarm_Reset	Bool	false
Man_Mode	Bool	false
Man_Start	Bool	false
Man_Stop	Bool	false
▼ Output		
Starter	Bool	false
▼ InOut		
Tag	"Motor_Std_Type"	
▼ Static		
Motor_Start_Req	Bool	false
Motor_Stop_Req	Bool	false
Alw_On	Bool	TRUE
Start	Bool	false
Fail_Tmr	TON	
▼ Temp		
TempBit	Bool	
Constant		

Network 1:

Main control that drives motor starter contact

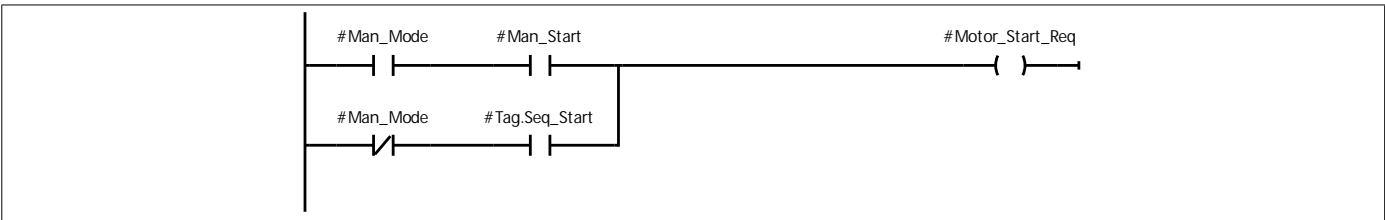


Network 2:



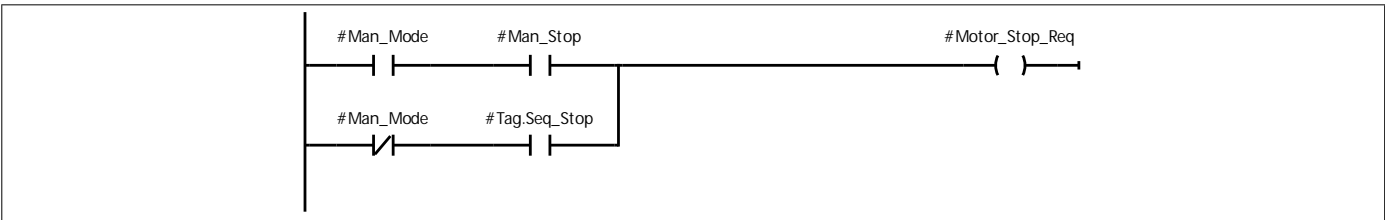
Network 3:

Handle manual and sequence starts



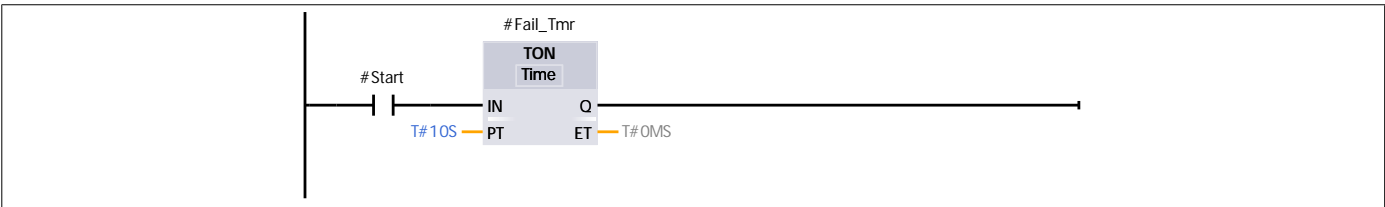
Network 4:

Handle manual and sequence stop requests.

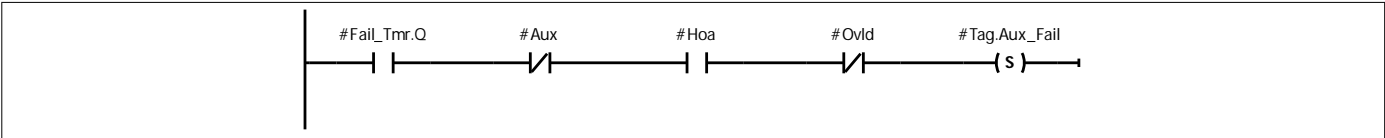


Network 5:

If Aux not on in 10 seconds and not overload or HOA, then set Aux fail.

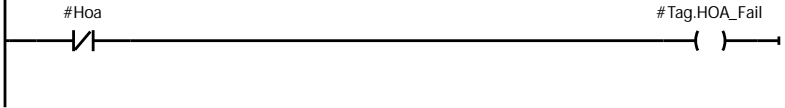


Network 6:

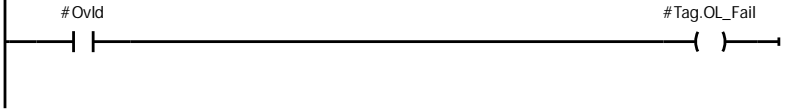


Network 7:

Generate HOA and overload failure indicators

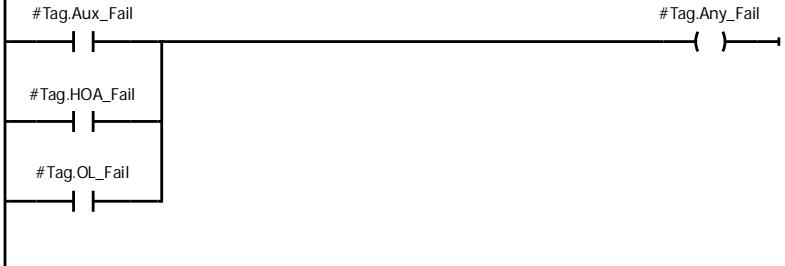


Network 8:

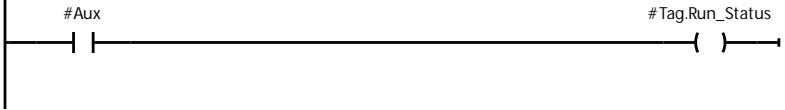


Network 9:

Any Failure indication

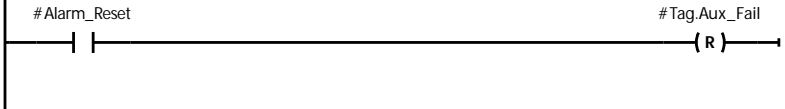


Network 10:



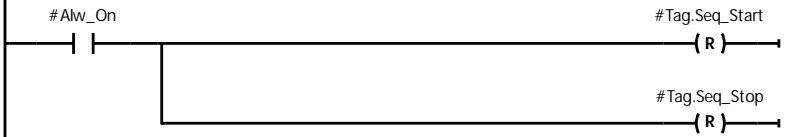
Network 11:

Reset alarm indication



Network 12:

Reset sequence commands.



Network 13:

