

FB10 - <offline>

"Motor"

Name:

Family:

Author:

Version: 0.1

Block version: 2

Time stamp Code:

06/26/2011 08:34:36 PM

Interface:

05/31/2010 07:07:37 PM

Lengths (block/logic/data):

00942 00768 00012

Name	Data Type	Address	Initial Value	Comment
IN		0.0		
Aux	Bool	0.0	FALSE	
Hoa	Bool	0.1	FALSE	
Ovld	Bool	0.2	FALSE	
Alarm_Reset	Bool	0.3	FALSE	
Man_Mode	Bool	0.4	FALSE	
Man_Start	Bool	0.5	FALSE	
Man_Stop	Bool	0.6	FALSE	
OUT		0.0		
Starter	Bool	2.0	FALSE	
IN_OUT		0.0		
Tag	Motor_Type	4.0		
STAT		0.0		
Motor_Start_Req	Bool	10.0	FALSE	
Motor_Stop_Req	Bool	10.1	FALSE	
Alw_On	Bool	10.2	TRUE	
Fail_Tmr	TON	12.0		
TEMP		0.0		
TempBit	Bool	0.0		

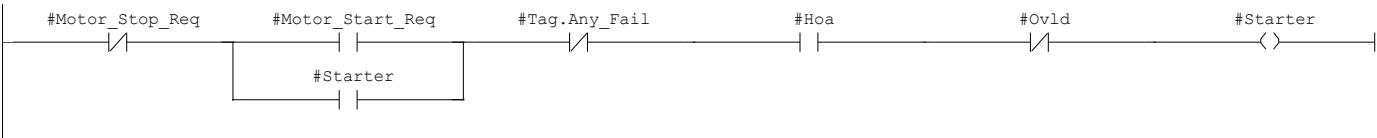
Block: FB10

Example 21.1 Motor control

Copyright (c) 2011 Dogwood Valley Press, LLC

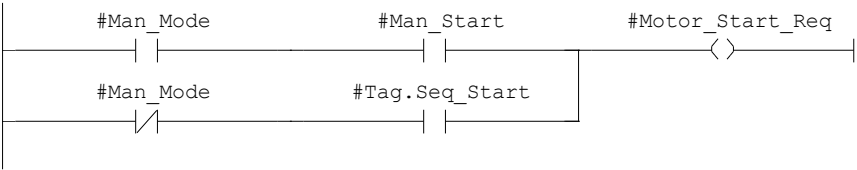
Network: 1

Main control that drives motor starter contact



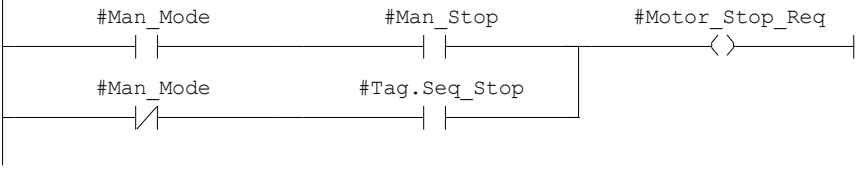
Network: 2

Handle manual and sequence starts



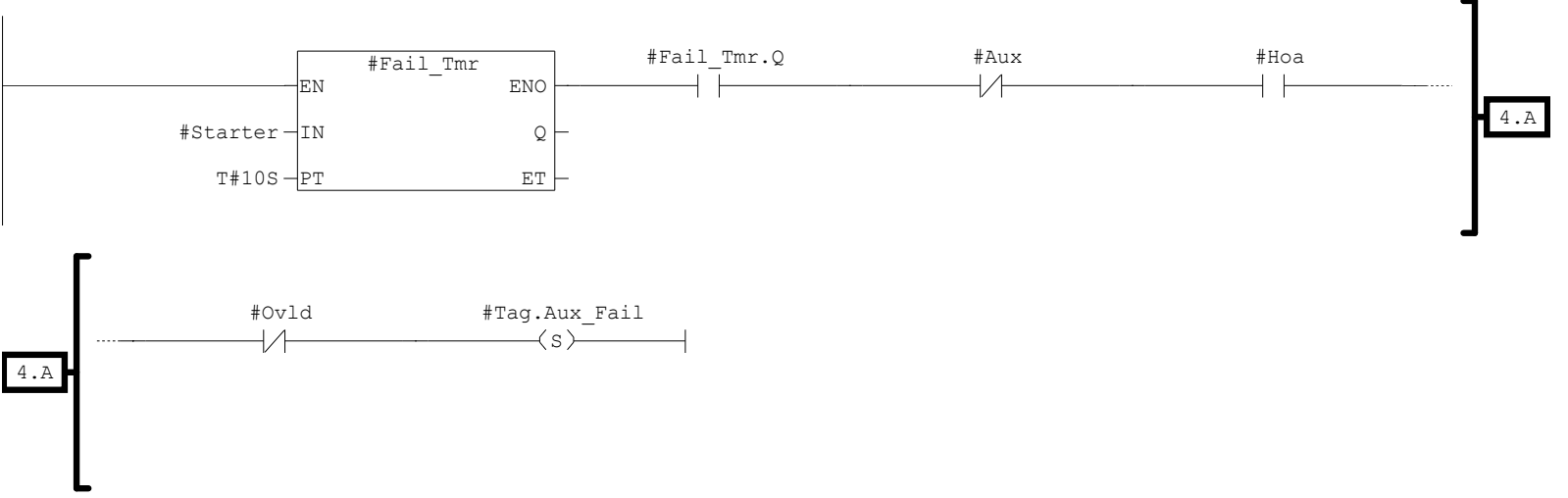
Network: 3

Handle manual and sequence stop requests.



Network: 4

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



Network: 5

Generate HOA and overload failure indicators



Network: 6



Network: 7

Any Failure indication



Network: 8



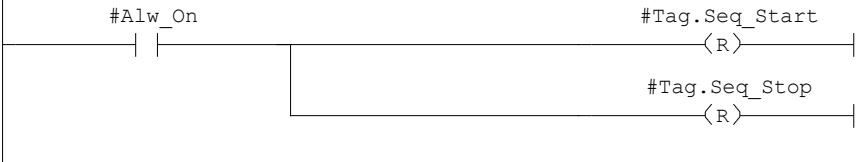
Network: 9

Reset alarm indication



Network: 10

Reset sequence commands.



Network: 11

