

**Motor\_Conv [FB1096]****Motor\_Conv Properties****General**

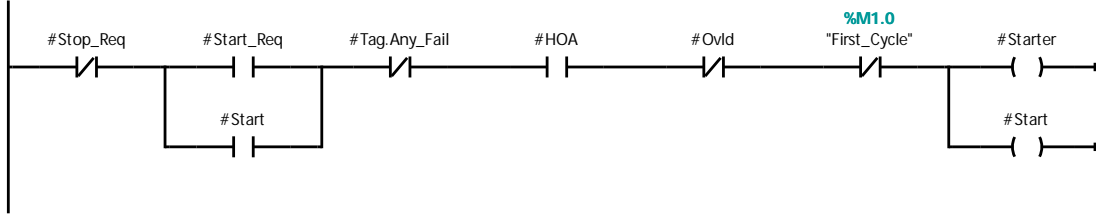
<b>Name</b>	Motor_Conv	<b>Number</b>	1096	<b>Type</b>	FB
<b>Language</b>	LAD	<b>Numbering</b>	Manual		

**Information**

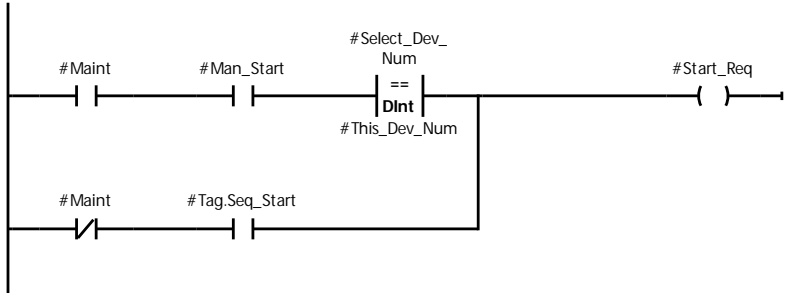
<b>Title</b>	Conveyor Motor Control	<b>Author</b>		<b>Comment</b>	Copyright (c) 2011, Dogwood Valley Press, LLC
<b>Family</b>		<b>Version</b>	0.1	<b>User-defined ID</b>	

Name	Data type	Default value
▼ Input		
Aux	Bool	false
HOA	Bool	false
Ovld	Bool	false
Speed_Switch	Bool	false
Alarm_Reset	Bool	false
Maint	Bool	false
Man_Start	Bool	false
Man_Stop	Bool	false
Select_Dev_Num	DInt	0
This_Dev_Num	DInt	0
▼ Output		
Starter	Bool	false
▼ InOut		
Tag	"Motor_Conv_Type"	
▼ Static		
Start_Req	Bool	false
Stop_Req	Bool	false
Alw_On	Bool	true
Start	Bool	false
Fail_Tmr	TON_TIME	
Fail_Tmr_ET	Time	T#0ms
Fail_Tmr_Q	Bool	false
Temp		
Constant		

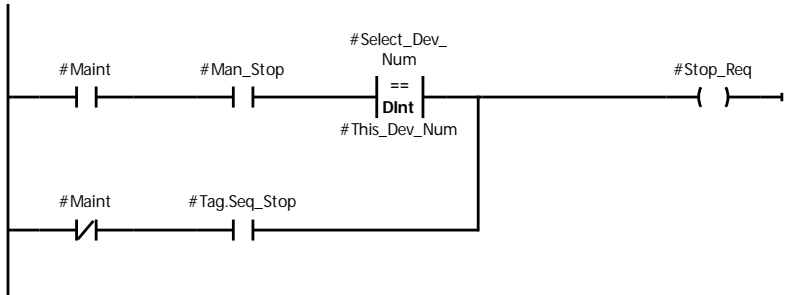
**Network 1: Main control that drives motor starter contact.**



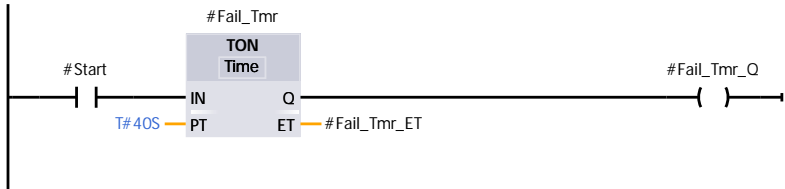
**Network 2: Handle manual and sequence start requests.**



**Network 3: Handle manual and sequence stop requests.**

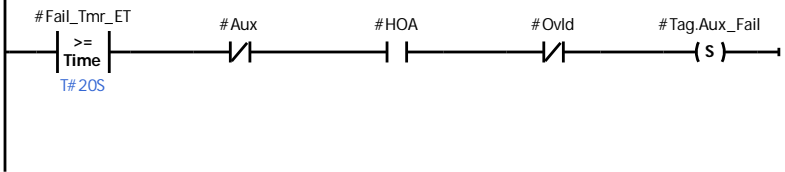


**Network 4: Timer for aux and speed switch failures.**



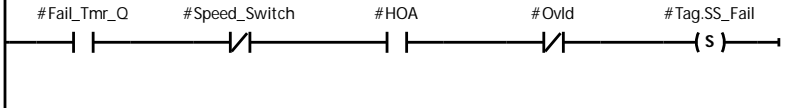
**Network 5: Aux failure**

No aux after first 20 seconds and HOA auto and not overload.

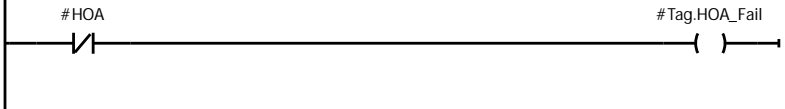


**Network 6: Speed switch failure**

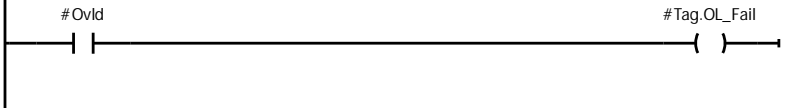
No speed switch after 40 secs and HOA auto and not overload.



**Network 7: HOA failure**



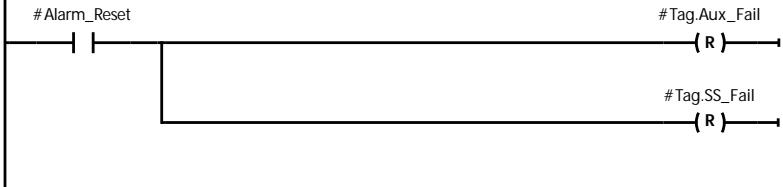
**Network 8: Overload failure**



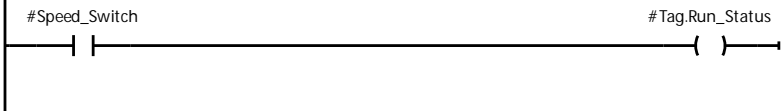
**Network 9: Any failure indication**



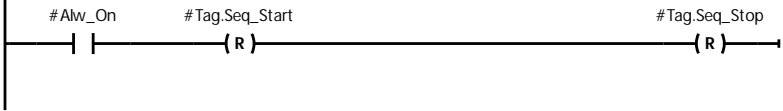
**Network 10: Reset alarm indication**



Network 11: Running status for OI



Network 12: Reset sequence commands



Network 13: Always set ENO true

