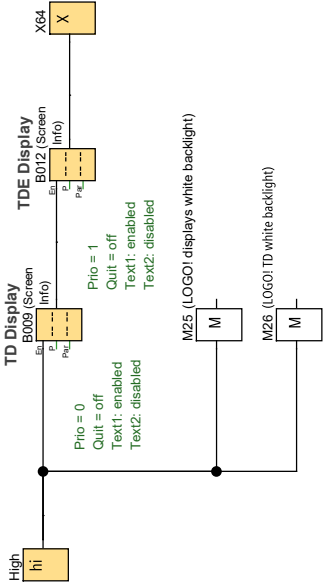


SCREEN CONTROL



Web Info:  
<http://192.168.0.100>  
user password: TVETuser  
admin password: TVETadmin

Project Summary:  
Control LED's via AI1 potentiometer.  
0-10V is scaled to 0-100.

< 1 = Flashing Blue LED  
1-25 = Solid Blue LED  
25-50 = Solid Green LED  
50-75 = Solid Orange LED  
75-100 = Solid Red LED

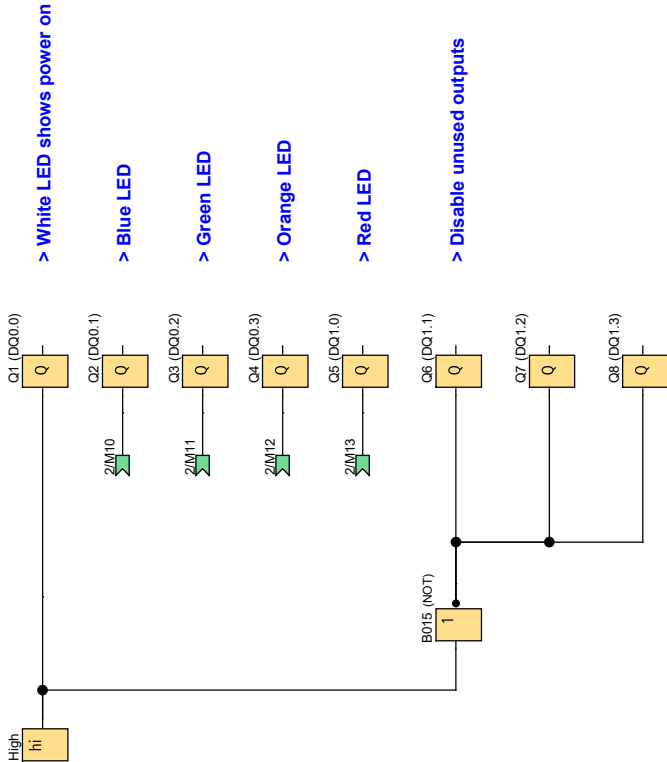
2x ON-DELAY Timers are used to flash the Blue LED while AI1 scaled value reads < 1.

Scaled values are displayed on the TDE Display.

Required modules:  
Indicator LED's -- FM230920

I/O Mapping:  
Out1 -----> White Power ON LED  
In7/AI1 --> Out2 (1-25%) -----> Blue LED  
--> Out3 (25-50%) -----> Green LED  
--> Out4 (50-75%) -----> Orange LED  
--> Out5 (75-100%) --> Red LED  
Out6 -----> Disabled | NC  
Out7 -----> Disabled | NC  
Out8 -----> Disabled | NC

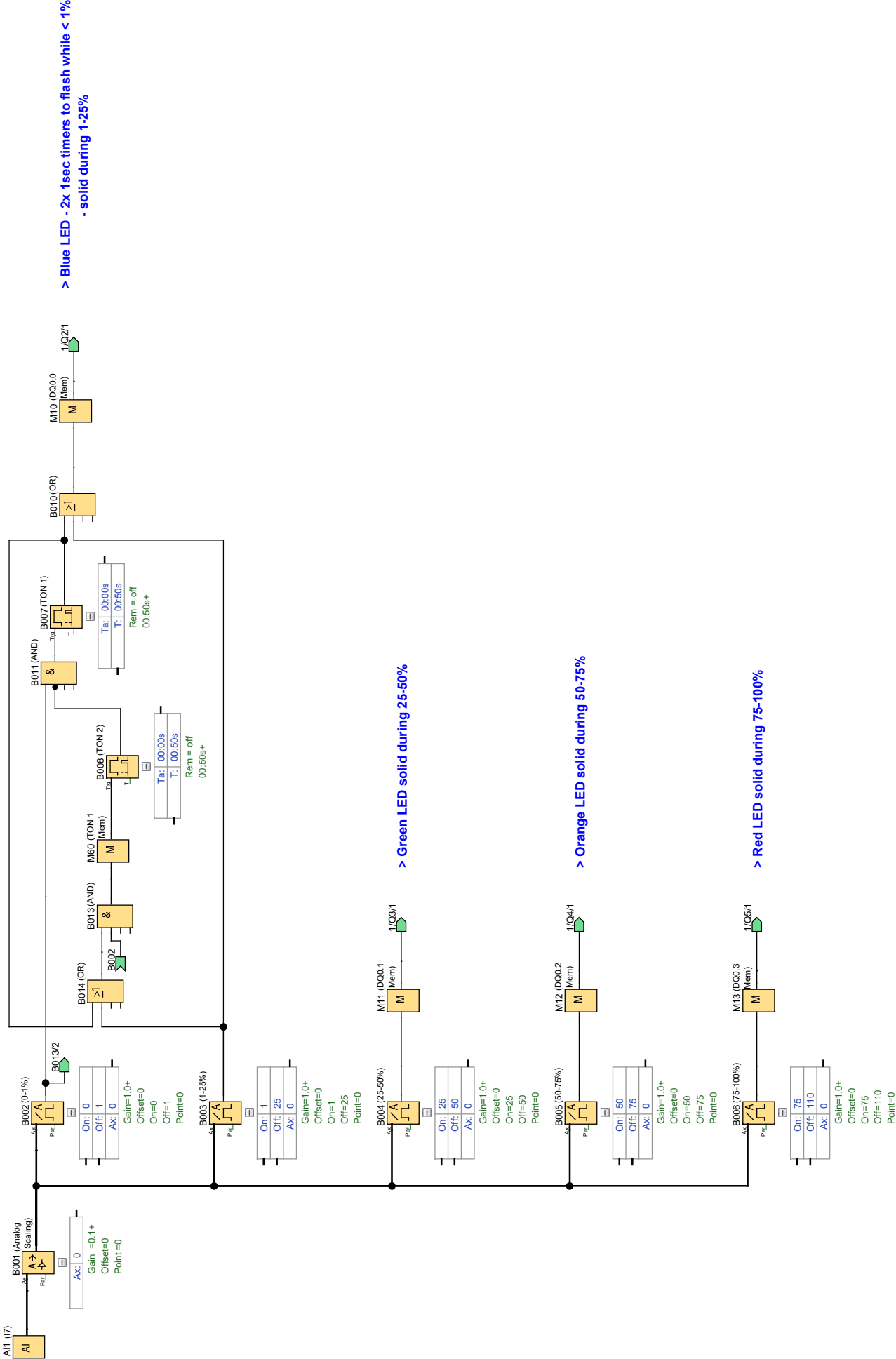
OUTPUT CONTROL



Creator:	Admin	Project:		Customer:	
Checked:		Installation:		Diagram No.:	
Date:	7/25/25 9:58 AM/8/15/25 11:49 AM	File:		Page:	11/6

ANALOG INPUT PROCESSING

> 0 to 10V potentiometer input scaled for 0 to 100



Creator:	Admin	Project:		Customer:	
Checked:		Installation:		Diagram No.:	
Date:	7/25/25 9:58 AM/8/15/25 11:49 AM	File:		Page:	2 / 6

Block Number (Type)			Parameter			
AI1(Analog input) : (I7)						
B001(Analog Amplifier) : (Analog Scaling)			Gain =0.1+ Offset=0 Point =0			
B002(Analog threshold trigger) : (0-1%)			Gain=1.0+ Offset=0 On=0 Off=1 Point=0			
B003(Analog threshold trigger) : (1-25%)			Gain=1.0+ Offset=0 On=1 Off=25 Point=0			
B004(Analog threshold trigger) : (25-50%)			Gain=1.0+ Offset=0 On=25 Off=50 Point=0			
B005(Analog threshold trigger) : (50-75%)			Gain=1.0+ Offset=0 On=50 Off=75 Point=0			
B006(Analog threshold trigger) : (75-100%)			Gain=1.0+ Offset=0 On=75 Off=110 Point=0			
B007(On-Delay) : (TON 1)			Rem = off 00:50s+			
B008(On-Delay) : (TON 2)			Rem = off 00:50s+			
Creator:	Admin		Project:		Customer:	
Checked:			Installation:		Diagram No.:	
Date:	7/25/25 9:58 AM/8/15/25 11:49 AM		File:		Page:	3 / 6

Block Number (Type)				Parameter			
B009(Message texts) : (Screen Info)				Prio = 0 Quit = off Text1: enabled Text2: disabled			
<div><div><div>B009 - Current date</div><div>August15,2025</div></div><div><div>B009 - Current time</div><div>9:28:03 AM CA</div></div></div> <div>SYSTEMS</div> <div>IP : 192.168.0.100</div> <div>LOGO! TRAINING</div> <div>BREAKOUT BOARD</div> <div>ANALOG LED CTRL</div>				--> Ticker setting - CBC - Line1: N - Line2: N - Line3: N - Line4: N - Line5: N - Line6: N Message Destination - LOGO! Display			
Line1.1 B009-Date Line2.1 B009-Time							
B010(OR) : (OR)							
B011(AND) : (AND)							
B012(Message texts) : (Screen Info)				Prio = 1 Quit = off Text1: enabled Text2: disabled			
<div><div>IP : 192.168.0.110</div><div>LED TRIGGER VALUES</div><div><div>BLU :  B002 - Ax, am... 0</div><div> B003 - On 1</div></div><div><div>GRN :  B003 - Ax, am... 0</div><div> B004 - On 25</div></div><div><div>ORG :  B004 - Ax, am... 0</div><div> B005 - On 50</div></div><div><div>RED :  B006 - Ax, am... 0</div><div> B006 - On 75</div></div></div>				--> Ticker setting - CBC - Line1: N - Line2: N - Line3: N - Line4: N - Line5: N - Line6: N Message Destination - LOGO! TD			
Line3.5 B002-Ax Line3.14 B003-On Line4.5 B003-Ax Line4.14 B004-On Line5.5 B004-Ax Line5.14 B005-On Line6.5 B006-Ax Line6.14 B006-On							
B013(AND) : (AND)							
B014(OR) : (OR)							
Creator:		Admin		Project:			
Checked:				Installation:		Customer:	
Date:		7/25/25 9:58 AM/8/15/25 11:49 AM		File:		Diagram No.:	
						Page: 4 / 6	

Block Number (Type)			Parameter			
B015(NOT) : (NOT)						
M10(Flag) : (DQ0.0 Mem)						
M11(Flag) : (DQ0.1 Mem)						
M12(Flag) : (DQ0.2 Mem)						
M13(Flag) : (DQ0.3 Mem)						
M60(Flag) : (TON 1 Mem)						
Creator:	Admin		Project:		Customer:	
Checked:			Installation:		Diagram No.:	
Date:	7/25/25 9:58 AM/8/15/25 11:49 AM		File:		Page:	5 / 6

Connection	Label
AI1	
M10	
M11	
M12	
M13	
M25	LOGO! displays white backlight
M26	LOGO! TD white backlight
M60	
Q1	DQ0.0
Q2	DQ0.1
Q3	DQ0.2
Q4	DQ0.3
Q5	DQ1.0
Q6	DQ1.1
Q7	DQ1.2
Q8	DQ1.3
X64	