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Totally Integrated Automation Portal		
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Program blocks

Main [OB1]

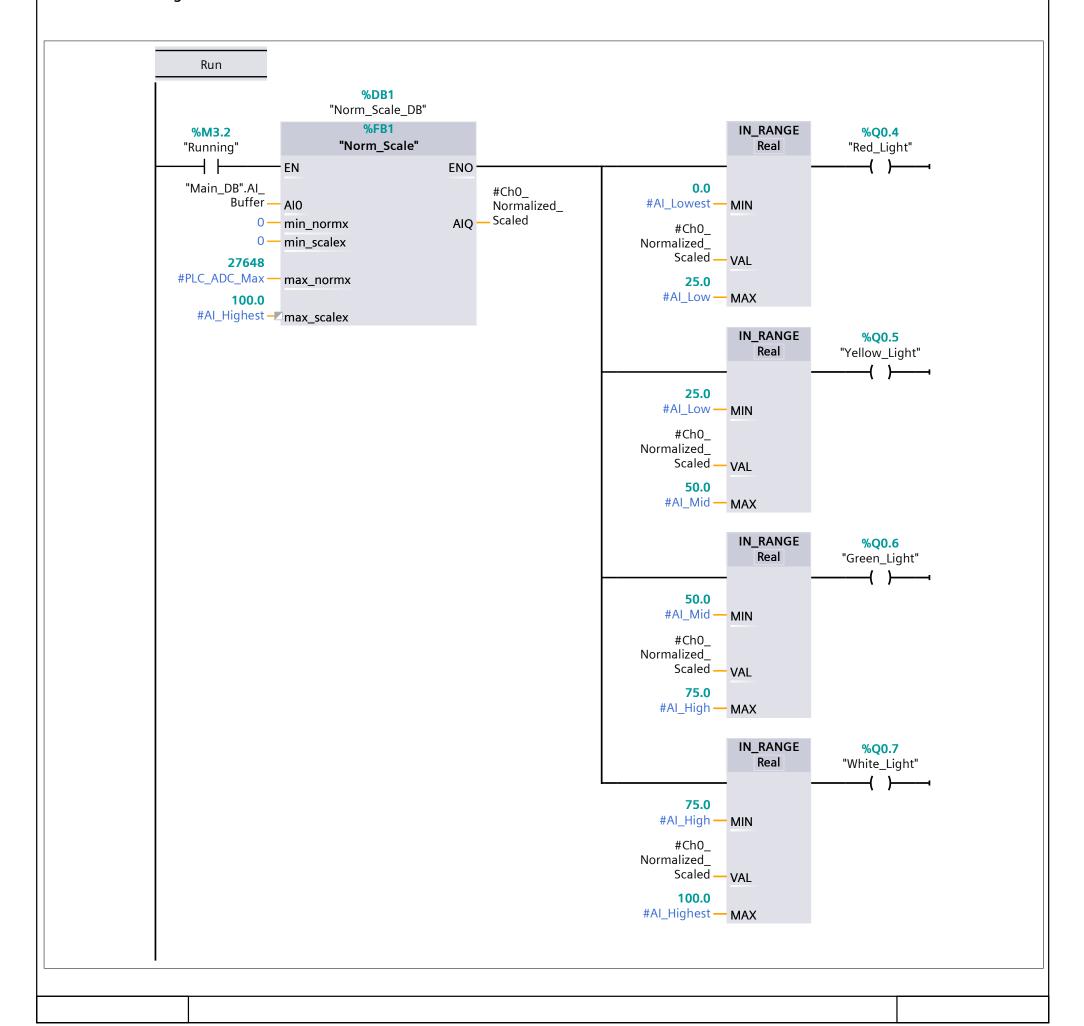
Name	Data type	Default value	Comment
✓ Input			
Initial_Call	Bool		Initial call of this OB
Remanence	Bool		=True, if remanent data are available
▼ Temp			
Ch0AQ1	Bool		
Ch0AQ0	Bool		
Ch0Al0	Bool		
Ch0_Normalized_Scaled	Real		
Start	Bool		
Start_done	Bool		
PLC_Initialized	Bool		
▼ Constant			
Al_Lowest	Real	0.0	
Al_Low	Real	25.0	
Al_Mid	Real	50.0	
Al_High	Real	75.0	
Al_Highest	Real	100.0	
PLC_ADC_Max	Int	27648	

Network 1: Preparation

Real PLC - Directly gets analog input (0-10VDC or 4-20mA) from PLC Analog Input (CH00)

Totally Integrated **Automation Portal** Prepare **%I0.1** %10.0 %M3.2 "Start Button" "Stop button (NC)" "Running" %M3.2 "Running" %M3.2 "Running" MOVE EN - ENO-"Main_DB".AI_ %IW64 "Analog_In_Ch0" — IN # OUT1 — Buffer %M0.3 %Q0.0 "Clock_2Hz" "Blue_Light" $\dashv \vdash$

Network 2: Running



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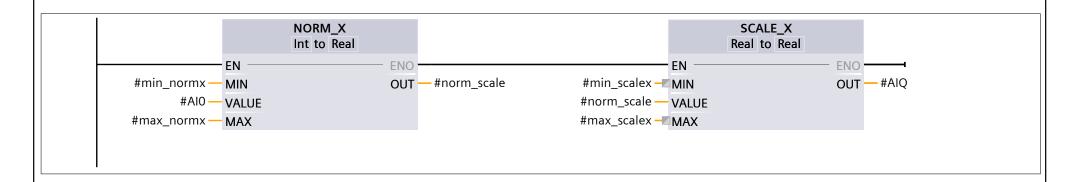
Program blocks

Norm_Scale [FB1]

Norm_Scale Pr	operties						
General							
Name	Norm_Scale	Number	1	Type	FB	Language	LAD
Numbering	Automatic		•				
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	able	HMI engi- neering		Supervi- sion	Comment
▼ Input									
AI0	Int	0	Non-retain	True	True	True	False		
min_normx	Int	0	Non-retain	True	True	True	False		
min_scalex	Int	0	Non-retain	True	True	True	False		
max_normx	Int	0	Non-retain	True	True	True	False		
max_scalex	Int	0	Non-retain	True	True	True	False		
▼ Output									
AIQ	Real	0.0	Non-retain	True	True	True	False		
InOut									
Static									
▼ Temp									
norm_scale	Real								
Constant									

Network 1:



bering Automatic mation				Туре	·					
ion 0.1		thor er-defined ID		Comment				Family	1	
ne	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	able	HMI engi- neering	Setpoint	Supervi- sion	Comm	ent
Input					7.11					
AIO	Int	0	False	True	True		False			
min_normx	Int	0	False	True	True		False			
min_scalex	Int	0	False	True	True		False			
max_normx	Int	0	False	True	True		False			
max_scalex	Int	0	False	True	True	True	False			
Output	5 1	0.0			-	-	- 1			
AIQ	Real	0.0	False	True	True	True	False			
InOut Static										

rogram lain_DB [
ain_DB Prope												
eneral ame	Main_DB		Number 2		Type	DB	•		Langua	200	DB	
lumbering	Automatic		vurriber 2		Туре	DB)		Langua	age	DR	
nformation												
itle ersion	0.1		Author Jser-defined ID		Comment				Family	1		
ame	0.1	Data type		Retain	Accessible	Writ-	Visible in	Setpoint	Supervi-	Comme	ent	
					HMI/OPC UA/Web API	able from HMI/ OPC UA/ Web API	HMI engi- neering		sion			
▼ Static												
Q25		Bool	false	False		True		False				
Q50		Bool	false	False		True		False				
Q75		Bool	false	False		True		False				
Q100 Al_Buffer		Bool Word	false 16#0	False False		True True		False False				
<u> </u>										_		

Totally Integrated	
Automation Portal	

Program blocks

Initialization [OB100]

Initialization Pro	perties						
General							
Name	Initialization	Number	100	Туре	ОВ	Language	LAD
Numbering	Automatic						
Information							
Title	"Complete Restart"	Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Comment	
▼ Input				
LostRetentive	Bool		True if retentive data are lost	
LostRTC	Bool		True if date and time are lost	
Temp				
Constant				

Network 1: Start

Select one of Run Modes: 1: Real PLC

2: PLC Simulator

