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SelectronixBldgMngmtInterfaceCustomConfigurationWorksheet.docx  
Rev. 02/01/24

**SLC4075TechNote219 Selectronix Building Management Interface Custom Configuration**  
**Worksheet**

Date\_\_\_\_\_ Company\_\_\_\_\_

User-Assigned Reference ID\_\_\_\_\_ Selectronix-Assigned Filename\_\_\_\_\_

Contact Name\_\_\_\_\_ Contact Position\_\_\_\_\_

Contact Phone\_\_\_\_\_ Contact Email\_\_\_\_\_

Contact2 Name\_\_\_\_\_ Contact2 Position\_\_\_\_\_

Contact2 Phone\_\_\_\_\_ Contact2 Email\_\_\_\_\_

*This information is used for the system integrator or Selectronix to create the configured application for Selectronix SLC4075 Touchscreen Gateway. Use the blank space to describe any custom requirements. Call or email Selectronix for assistance.*

Page Name or Number	Label	Description	Default	Custom	Conversion Scale Factor	Remarks
1	Company Name		Selectronix			
ALARMS		Alarms may be set for any of the <b>analog (GPAn) or digital inputs (GPDIn)</b> , and other tag-based conditions. Complete the table below with desired parameters				

There are several options for an alarm. Following is a partial list of the available options and settings:

**Event Mode:**

Absolute High, Absolute Low, Rise in value, Fall in value, Change in value

**Event Name:**

User name for the alarm

**Value:**

May be fixed or based on another tag

**Hysteresis:**

May be fixed or based on another tag

**Enable:**

May be fixed or based on another tag

**Trigger:**

Level, Edge-triggered alarm, Edge-triggered event

**Accept:**

Manual or Automatic

**Siren:**

Yes or No for an audible alarm from the Touchscreen Gateway unit

Alarm 1									
Event Mode	Circle one >>>	Data match	Data Mismatch	Absolute High	Absolute Low	Rise In Value	Fall In Value	Change In Value	
Event Name	Enter above								
Value									

Enable	True is default or add Expression								
Trigger	Circle one >>>>	Edge triggered alarm	Level triggered alarm	Edge triggered Event					
Accept	Circle one >>>>	Manual	Auto						
Siren	Circle one >>>>	On	Off						
On Active	Expression								
On Accept	Expression								

Alarm 2									
Event Mode	Circle one >>>>	Data match	Data Mismatch	Absolute High	Absolute Low	Rise In Value	Fall In Value	Change In Value	
Event Name	Enter above								
Value									
Enable	True is default or add Expression								
Trigger	Circle one >>>>	Edge triggered alarm	Level triggered alarm	Edge triggered Event					
Accept	Circle one >>>>	Manual	Auto						
Siren	Circle one >>>>	On	Off						
On Active	Expression								
On Accept	Expression								

Page Name or Number	Label	Description	Default	Custom	Conversion Scale Factor	Remarks
<b>PID1</b>						
	PID1 Preset		P=1000, I=5, D=0			
	P					
	I					
	D					
<b>OAR1/SPM1</b>						
	Ctl Lo Span %	Example converting to Engr units	Span % 0.0-100.0	PSI 0-150	1.5	% to PSI
	Ctl Hi Span %	Example converting to Engr units	Span % 0.0-100.0	PSI 0-150	1.5	% to PSI
	Ctl Lo Span %		Span % 0.0-100.0			
	Ctl Hi Span %		Span % 0.0-100.0			
<b>PID2</b>						
	PID2 Preset		P=500, I=1, D=0			
	GPA1 Span %					
	P					
	I					
	D					
<b>OAR2/SPM2</b>						
	Ctl Lo Span %		Span % 0.0-100.0			
	Ctl Hi Span %		Span % 0.0-100.0			

Page Name or Number	Label	Description	Default	Custom	Conversion Scale Factor	Remarks
<b>RTD Sensors</b>						
	RTD1 Bias Cnts	Calibration Adjust	0			
	RTD2 Bias Cnts	Calibration Adjust	0			
<b>Aux Sensors</b>						
	GPA1 Bias %	Calibration Adjust	0			
	GPA2 Bias %	Calibration Adjust	0			
<b>General Purpose Digital Inputs</b>						
	GPD11		Low Water			
	GPD12		High Limit			
	GPD13		Status			
	GPD14					
	Invert Mask		all inputs - No inversion			

Page Name or Number	Label	Description	Default	Custom	Conversion Scale Factor	Remarks
<b>Relays</b>						
	Relay1		GPDI1 Available Choices: 1) GPDI1 2) GPDI1 & GPDI4 3) GPDI1 or GPDI4 4) BMS			
	Relay2		GPDI2 Available Choices: 1) GPDI2 2) GPDI2 & GPDI4 3) GPDI2 or GPDI4 4) BMS			
	Relay3		GPDI3 Available Choices: 1) GPD31 2) GPD31 & GPDI4 3) GPD31 or GPDI4 4) BMS			
<b>Voltage Driver</b>						
	Src Select	Defines signal source for voltage driver	None Available Choices: 1) RTD1 32-240 0- 10V 2 ) RTD2 32-240 0- 10V 3) GPA1 0-100% 0- 10V 4) GPA2 0-100% 0- 10V 5) PID1 0-100% 0- 10V			

			6) PID1 0-100% 2-10V 7) PID2 0-100% 0-10V 8) PID2 0-100% 2-10V 9) BMD 0-100% 0-10V			
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Page Name or Number	Label	Description	Default	Custom		Remarks
Classic Lead/Lag						
	Profile	<b>0 = Disabled/Native Linear or Progressive (POPS or PPS) 1= 100/0 2= 80/20/100 3= 50/25/100 4= 50/50/100 5= Parallel 9= Custom</b>				
	Boiler #1 Enable					
	Boiler #2 Enable					
	Boiler #3 Enable					
	Boiler #4 Enable					

Questions?

Call (425) 788-2979 or email us at [techsupport@selectronix.us](mailto:techsupport@selectronix.us)