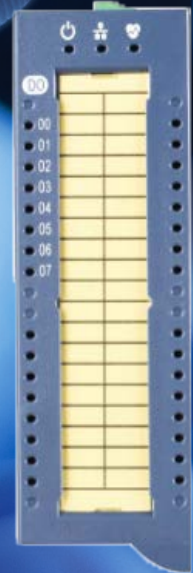


Model SIO

Eight channel Analog Input Module for the MCT4 and MCTB supporting a mix of up to 8 T/C and linear mA or VDC inputs

- VALUES DISPLAYED IN LOOP OVERVIEW
- MAY BE TRENDED AND DATA LOGGED
- HAVE SOFT ALARMS ASSIGNED
- UTILIZED IN MATH / LOGIC / TIMER BLOCKS
- USED IN PROFILE STEP "WAIT FOR" LOGIC

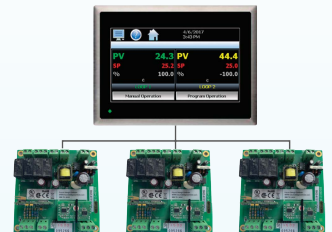


MODEL SIO EIGHT-CHANNEL INPUT MODULE	
Number of Channels	8
Power Consumption	1.6W
Input Type	Universal (Current, Voltage, Thermocouple)
Voltage Input Range	$\pm 100\text{mV}, \pm 500\text{mV}, \pm 1\text{V}, \pm 5\text{V}, \pm 10\text{V}, 0-100\text{mV}, 0-500\text{mV}, 0-1\text{V}, 0-5\text{V}, 0, 10\text{V}$
Current Input Range	$\pm 20\text{mA}, 4-20\text{mA}, 0-20\text{mA}$ (Dip Switch)
Thermocouple Type	J,K,T,E,R,S,B,N
Bumount Detection	Yes. All Voltage & Thermocouple Inputs, 4-20mA Input
Resolution	16 Bit
Sampling Rate	2.5 Samples / Second per Channel
Independent Channel Configuration	Yes
Accuracy	$\pm 0.1\%$ FSR
Input Impedance	Voltage: 2M Ω , Current: 1200
Span Drift	± 25 ppm / $^{\circ}\text{C}$
Zero Drift	$\pm 6\mu\text{V}/^{\circ}\text{C}$
CMRR@50/60Hz	120 dB
NMRR@50/60Hz	100 dB
Isolation between Channels	240VDC
Common Mode Voltage	$\pm 240\text{VDC}$

USED IN CONJUNCTION WITH THE MCT4 OR MCTB TO ADD UP TO 8 ADDITIONAL VARIABLES TO BE TRENDED, DATA LOGGED, HAVE SOFT ALARMS ASSIGNED, USED IN PROFILE STEP "WAIT FOR" STEP LOGIC OR USED IN MATH/LOGIC



MCT4



MCTB

