

DISTRIBUTED CONTROLS

Control Components: Stand alone or CAN networked I/O



- Accurate control
- Expand machine control inputs and outputs
- Reliable engine temperature monitoring over CAN
- Flexible configuration and functionality
- Mounts on engine, in control cabinet or remotely
- Rugged IP65 or IP67 performance

MODEL NO.	AX03010X	AX030200	AX03030X	AX03050X	AXTC4	AXTC20	AXRTD8	DIO128
CAN/RS-232	1 SAE J1939 (AX030100) 1 CANopen (AX030101)	1 SAE J1939 1 RS-232	1 SAE J1939 (AX030300) 1 CANopen (AX030301)	1 SAE J1939 (AX030500) 1 CANopen (AX030501)	1 SAE J1939 1 RS-232	1 SAE J1939 1 RS-232	1 SAE J1939 1 RS-232	1 SAE J1939 1 RS-232
POWER INPUT	8...96VDC	9...32VDC	8...32 VDC	9...32VDC	8...80VDC	8...60VDC	8...60VDC	5...32VDC
INPUTS								
0-5V	10	8						
0-10V		Selectable: 8						
0-20mA	Selectable: 10	Selectable: 8						
4-20mA	Selectable: 10	Selectable: 8						
Digital	Selectable: 10		18					12
PWM D.C. Signal	Selectable: 10	Selectable: 8	Selectable: 8					
Frequency/RPM	Selectable: 10		Selectable: 8					
16-bit Counter	Selectable: 10		Selectable: 8					
Thermocouples					4 Type J, K or T	20 Type J, K, B, E, N, R, S or T		
RTDs							8 RTD (2-wire, 3-wire, 4-wire)	
+5V Reference		8 +5V or +20V (20mA ea)						
OUTPUTS								
0-5V		8		4				
0-10V		Selectable: 8		Selectable: 4				
+/-5V		Selectable: 8		Selectable: 4				
+/-10V		Selectable: 8		Selectable: 4				
0-20mA		Selectable: 8		Selectable: 4				
4-20mA		Selectable: 8		Selectable: 4				
Relay (NO and NC)								8 Form C
LED								Power
PACKAGING	IP67 Remote mount plastic enclosure 24-pin Deutsch IPD connector	IP65 Remote mount metal enclosure 1 40-pin, 1 8-pin Deutsch IPD connectors	IP67 Remote mount plastic enclosure 24-pin Deutsch IPD connector	IP67 Remote mount plastic enclosure 12-pin Deutsch IPD connector	IP67 Remote mount plastic enclosure 24-pin Deutsch IPD connector	IP65 Remote mount metal enclosure 1 40-pin, 1 8-pin Deutsch IPD connectors		
DIMENSIONS	4.62 x 5.24 x 1.43 inches 117.42 x 133.09 x 36.36 mm (W x L x H excluding mating connectors)	5.86 x 5.60 x 2.87 inches 149.00 x 142.24 x 73.00 mm (W x L x H excluding mating connectors)	4.62 x 5.24 x 1.43 inches 117.42 x 133.09 x 36.36 mm (W x L x H excluding mating connectors)			5.86 x 5.60 x 2.87 inches 149.00 x 142.24 x 73.00 mm (W x L x H excluding mating connectors)		
CONFIGURATION	AX070502 Electronic Assistant® (EA) Kit							

Selectable: These are user selectable parameters in the PC-based configuration tool Electronic Assistant® (EA).

Contact Axiomatic with application-specific requirements.

Specifications subject to change without notice.



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