

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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