AXIOMATIC
TECHNOLOGIES CORPORATION

Axiomatic's design team specializes in rugged
automation and power solutions for machines.
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2025 In Review

4 Inputs, 8 Proportional Outputs Valve Controllers

The AX020800 valve controller accepts 4 Universal Command Signal Inputs as Voltage (0-2.5, 0-10V), Current (0-20, 4-20mA), Resistive (up to 250kΩ), Frequency/PWM (up to 10kHz), or Digital types from sensors, joysticks, switches or pushbuttons. A CANopen model is also available.

Learn More About AX020800

4 Inputs, 4 Outputs Isolated Controller, SAE J1939

The AX030430 controller accepts four universal signal inputs and provides four universal signal outputs. The user can configure the individual inputs to receive the following signals: Voltage, Current, Resistive, Digital, Frequency, PWM, or Counter. Two of the four inputs are isolated. The four outputs can be programmed to provide Voltage, Current, Digital, Frequency, or PWM type signals. One 5 V (50 mA) voltage reference is available to power a sensor input.

Learn More About AX030430

48VDC/24VDC, 18W Isolated DC/DC Converter

The AX082410 has an input range of 36 to 72 VDC and a regulated 24 VDC, 18 W output. Its typical efficiency of 88% helps minimize energy loss. This 48VDC/24VDC Converter features reverse battery, overvoltage, undervoltage, short circuit, overcurrent, and over-temperature protection.
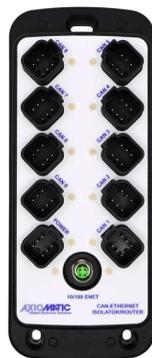
Learn More About AX082410

6 Port Gigabit Ethernet Switch

AX140705 is designed for mining and off-highway equipment applications, such as autonomous vehicles, requiring 10/100/1000BASE-T Ethernet connectivity. The internal state of the switch is displayed by LEDs on the front panel of the housing.

Learn More About AX140705

9 CAN, 1 Ethernet Isolator/Router

The AX141620 controller may be configured as a switch to broadcast messages on all ports, or it can modify an address or change a source address before sending it out on another port. It features configurable baud rate and a configurable termination resistor avoiding the need for external resistors. An individual bicolour LED indicates status for each port. Input CAN ports have a configurable Power Output that has a self-resettable fuse.

Learn More About AX141620

2 Pt100 RTD, 1 Signal Inputs CAN Controller, SAE J1939

The AX184300 controller is designed for the harsh and rugged conditions of engine and power generator set applications. AX184300 accepts one universal signal input, features an SAE J1939 CAN port with auto-baud-rate detection, and reads two 3-wire Pt100 RTD sensors.

Learn More About AX184300

Thank you for your business in 2025.

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