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AXIOMATIC Global Electronic Solutions

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

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New Product Newsletter

Axiomatic Releases A New 9-Channel CAN Router With Ethernet Port For Rapid And Bi-Directional Data Exchange On Machine Networks

The 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.

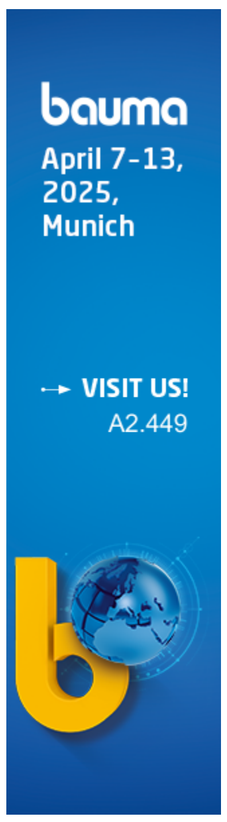
The CAN Router may be used in mining or large machine control networks to route messages between 8 isolated CAN networks, 1 CAN, J1587, J1708 or RS-485 network, and an Ethernet network.

Interfacing with machine battery power, it operates from 9 to 36VDC (12 or 24V nominal). The power converter is fully enclosed with an IP67 rating and features 10 6-pin rugged automotive-style connectors and 1 4-pin M12 D-coded connector.

It **carries CE and UKCA marking and** is designed for harsh environments having humidity, vibration, and shock. It operates from -40 to 85°C (-40 to 185°F).

The Ethernet port can be used for configuration or for more flexibility and cybersecurity, the Axiomatic Electronic Assistant may be utilized.

Learn More



Meet Us At BAUMA

Axiomatic will be featuring a range of innovative automation solutions, including:

- AX140740 – 4-port Gigabit Ethernet switch with a 10GB uplink
- AX130410 – Precision LVDT signal simulation
- AX130760 – SAE J1939/CANopen to 1 Signal Output Controller for I/O extension
- AX141156 – CAN to Bluetooth LE beacon and sensor connectivity
- AX080310 – 24VDC battery power stabilization and CAN bus connection
- AX020800 – Multi-valve actuation and control
- AX141620 – Routing for 9 isolated CAN networks
- AX141570 – Automotive Ethernet switch integration
- AX103000 – SIL2-ready H-Bridge DC motor controller
- AX140970 – CAN-FD and Classic CAN to Ethernet bridging for machine networks

Visit Us! A2.449

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