AXIOMATIC Global Electronic Solutions

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

New Product Announcement Newsletter

Issue: Sep 2024

AX103000: Compact H-Bridge Controller with 3 Universal Inputs and 2 Outputs

Axiomatic is releasing a new compact H-Bridge Controller with 3 Universal Inputs and 2 Outputs suited for harsh environments, with the following key features:

- 3 universal signal inputs, user selectable as: Voltage, PWM, Frequency, or Digital types
- 2 half-bridge outputs (maximum 2.5 A) selectable as: Proportional current, Proportional voltage, Hotshot digital, PWM duty cycle, and ON/OFF digital
- Outputs are also configurable as: 1 H-Bridge or 2 individual High-side/Low-side outputs
- +5 V or +8 V programmable voltage reference
- Operational voltage: 8 to 36 Vdc (12 Vdc or 24 Vdc)
- 1 CAN port (SAE J1939) with auto-baud-rate detection
- Compact, IP67 laser-welded enclosure with integrated 12-pin connector
- Configurable with Axiomatic Electronic Assistant

Learn More About AX103000

AX14032X Series of Versatile CAN Protocol Converters

Axiomatic showcases a series of versatile Protocol Converters with the following key features.

- AX140320: 2 Isolated SAE J1939, 1 RS-422 or RS-485
- AX140321: 1 Isolated SAE J1939, CANopen®, Modbus RTU
- AX140322: 2 Isolated SAE J1939, J1587
- Act as a gateway or interface between CAN buses with different baud rates
- Fast data exchange between a CAN network and an RS-422/ RS-485 bus (Modbus RTU)
- Operational voltage: 9 to 36 Vdc (12 Vdc or 24 Vdc)
- Compact, IP67 enclosure with integrated 12-pin connector
- Configurable with Axiomatic Electronic Assistant

Learn More About AX14032X

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We look forward to working with you!