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AXIOMATIC TECHNOLOGIES CORPORATION

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

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New Product Announcement

Axiomatic releases two rugged LIN / CAN Converters (SAE J1939 or CANopen®) with powerful microcontrollers, suitable for use in harsh conditions.

AX140620 AX140621

The two new LIN/CAN converters from Axiomatic facilitate bidirectional data exchange between a LIN and a CAN network. The AX140620 supports SAE J1939 while the AX140621 uses CANopen® protocol. Both modules comply with LIN 2.2A specification and can be configured as Master or Slave.

The AX140620 supports 130 LIN Signals, 25 LIN Unconditional Frames, 25 CAN Receive messages, and 25 CAN Transmit messages. It features auto-baud-rate detection for CAN and can be configured using the Axiomatic Electronic Assistant tool.

The AX140621 can handle 130 LIN Signals, 25 LIN Unconditional Frames, 6 CANopen® RPDO messages, and 7 CANopen® TPDO messages. An EDS file is provided to configure the unit using standard CANopen® tools.

Both LIN / CAN converters can operate with 12 or 24 V battery power supply (9 to 32 V range). They are protected against surge, transients, reverse polarity, overvoltage, and undervoltage faults. These devices can work at wide-ranging temperatures from -40 to 85 °C (-40 to 185 °F). They come in compact IP67-rated enclosures which can withstand dust and water exposure.

See All Axiomatic LIN/CAN Protocol Converters

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