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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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