

PRESS RELEASE

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Axiomatic releases two improved Modbus/CAN Router models suited for harsh environments.

The AX141810A & AX141830A Modbus/CAN Router models forward data between Modbus TCP/IP, Modbus RTU, and SAE J1939 CAN networks. They are differentiated by the number of routing rules and message definitions.

The AX141810A is a general-purpose device with support for both directions, Modbus (RTU and TCP/IP) to CAN and vice versa. It ships without any configuration. This allows the user greater freedom to set up the parameters. The actual conversion logic setup is highly application specific. The AX141830A is targeted mainly for CAN to Modbus direction communication.

These routers are upgraded versions of our AX141810 and AX141830 Modbus router models. They feature a more powerful microcontroller from STM32H7 Series for improved speed and memory. All parameters of these devices can be configured using a web browser. Their network parameters can be configured through Axiomatic Electronic Assistant too.

Both router models can be powered with an input voltage of 9 to 36 VDC. They come in IP67 rated enclosures with a TE Deutsch connector each. They are designed for the harsh environments of off-highway or industrial equipment. They operate from -40 to 65°C (-40 to 149°F).



For more details, please visit:

<https://products.axiomatic.com/item/connectivity/modbus-routers/ax141810a>
<https://products.axiomatic.com/item/connectivity/modbus-routers/ax141830a>

The AX141810A and AX141830A are the latest additions in Axiomatic's portfolio of connectivity solution lineup which, among others, includes:

- AX140940, Modbus TCP/IP to CAN Converter;
- AX140100, Protocol Converter, 2 SAE J1939, Modbus RTU;
- AX140320, Protocol Converter, 2 SAE J1939, 1 RS-422 or RS-485 (Modbus RTU);



- AX029000, 10 Outputs Valve Controller, SAE J1939, Ethernet (Modbus), DIN Rail Mount;
- AX028010, 12 Signal Inputs, 12 Outputs, Valve Controller, DIN Rail Mount, SAE J1939, Ethernet (Modbus); and
- AX032100, 2 Bipolar Analog/Digital, 8 Universal Signal Inputs Controller, CAN (SAE J1939), Ethernet, 2 +5V Ref., DIN rail mount.

You can browse through the complete catalog of our connectivity products at:

<https://products.axiomatic.com/category/connectivity>

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