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

New Product Announcement Newsletter

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AX020420, 12 Input, 12 Output Valve Controller, SAE J1939

AX020421, 12 Input, 12 Output Valve Controller, CANopen®

The AX020420 and AX020421 Valve Controllers can read up to 12 command input signals. These inputs may be voltage, current, PWM/frequency, or digital types.

- Six inputs are also configurable as resistive.
- The valve drivers provide 12 outputs of up to 2.5A but the module's total consumption must not exceed 20A.
- The outputs are user selectable as proportional voltage, proportional current, hotshot digital, on/off digital, or PWM.
- The AX020420 is SAE J1939 compliant with auto-baud-rate detection while AX020421 supports CANopen®.
- The devices feature a new microcontroller with more memory which allow the users to program it for a wide range of applications.
- The AX020420 can be configured using the Axiomatic Electronic Assistant.
- The AX020421 comes with an EDS file. Both devices are IP67 rated.

Learn More About AX020420 **Learn More About AX020421**

Range of 48V DC/DC Converters

Axiomatic showcases its range of 48 V DC-DC Converters with nameplate ratings between 18 W to 720 W and housed in rugged enclosures suitable for harsh environments.

Axiomatic's 48V DC-DC Converters provide clean power suitable for communication, instrumentation and control, and other power-sensitive equipment. These devices convert a nominal 48 V from a battery or other source to 12 to 24 Vdc output, depending on the model. The nominal nameplate ratings vary between 18 and 720 W. Some are isolated and feature an enable function. Model AX090670 can be used as a battery charger as well.

The units are designed with rugged surge and transient suppression. Over and under-voltage protection and inrush current control are provided. Their IP67-rated enclosures are fully sealed to protect against dirt, moisture, and humidity. Axiomatic power converters can withstand machine shock and vibration for operation under the most harsh and demanding conditions.

Learn More About These Converters

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We look forward to working with you!