Axiomatic controls design engineers have developed automation solutions for rugged environments.

New Product Announcement Newsletter

Issue: Aug 2024

Axiomatic showcases its range of rugged 24 Vdc to 24 Vdc Isolated Converters

Axiomatic's 24V DC-DC Converters provide clean power suitable for communication, instrumentation and control, process, and other power-sensitive equipment.

- Nameplate rating from 18 W to 500 W
- Input voltage from 9 to 36 Vdc
- Input and output isolation, clean output power
- Surge and transient suppression, over and under-voltage protection, inrush current control
- Fully enclosed IP67 enclosure to withstand high humidity, dirt, shock, and vibration environments

Our 24V to 24V Converters include the following models: AX081200 (500W), AX081530 (240W), AX080900 (120W), AX081100B (72W), AX082320 (18W).

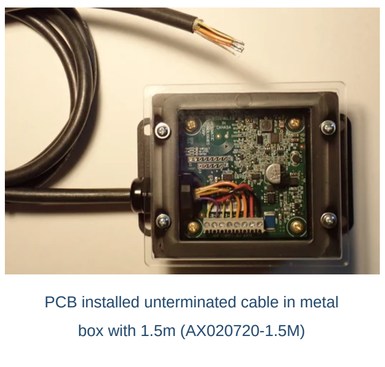
Learn More

AX020720 - PCB assembly with screw terminals

Axiomatic releases a versatile Single Universal Input, Single Output (up to 5A) Valve Controller in PCB form factor, configurable using iOS or Android devices.

Key features:

- 1 universal signal input, user selectable as: Voltage, Current, PWM, Frequency, or Digital types
- 1 output drives a solenoid, user selectable as: Proportional current 0-5A, Proportional voltage up to Vps, Digital Hotshot, PWM, or Digital types
- 1 auxiliary 0-5V output feedback
- +5V Reference output
- 12 or 24 VDC nominal
- PCB assembly with four 2-pin push-in terminal blocks (Available in metal box and with mating cable too)
- Multiple LED indicators
- E-Write NFC application for Android and Apple iOS devices provides configurability for application-specific input-output relationship with slope or time response.
- Protected and secure communication



PCB installed unterminated cable in metal box with 1.5m (AX020720-1.5M)

Learn More About AX020720

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We look forward to working with you!