

PRESS RELEASE

July 17, 2024 – Mississauga, ON, Canada

Axiomatic releases a compact and rugged 6 digital inputs controller with 2 CAN SAE J1939 ports suitable for harsh environments.

The AX032160 Controller is designed to measure 6 digital inputs and transmit data over 2 SAE J1939 ports. The inputs are selectable to take frequency, PWM, or digital signals.

The powerful control algorithms enable users to program the controller for a broad spectrum of applications without the necessity of custom software. It provides a comprehensive set of configurable settings via the Axiomatic Electronic Assistant, allowing users to create custom configurations without the need for reprogramming.

The device communicates over 2 SAE J1939 compliant CAN ports. The required baud-rate is detected automatically upon connection to the J1939 network, enhancing its overall versatility and utility.

This new controller can operate with battery power supply of 8 V to 60 V and is protected against reverse polarity, surge and transient, undervoltage, and overvoltage. It works in temperatures from -40 to 85°C (-40 to 185°F). Its compact enclosure is rated IP67 against dust and water ingress.

AX032160 may be used in distributed control applications in:

- Commercial vehicles
- Off-highway equipment
- Power gensets
- Stationary power



For more details, please visit:

<https://products.axiomatic.com/item/i-o-controls/6-digital-inputs-controller-sae-j1939/ax032160>



The AX032160 is a new product in Axiomatic's range of rugged and versatile I/O controllers. Some of these controllers are listed below.

- AX030530, 1 Universal Signal Input Controller, SAEJ1939
- AX030440, 4 Universal Signal Inputs Controller, SAE J1939, Auto-baud-rate Detect
- AX032150, 4 Digital Inputs Controller, SAE J1939, Ethernet

You can browse through our complete catalog of valve controllers at:

<https://products.axiomatic.com/category/i-o-controls>

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