

PRESS RELEASE
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CAN bus Input to 4 Analog Signal Output I/O Control – programmable with Electronic Assistant® EA

Axiomatic announces the release of a new CAN bus I/O control with 4 analog signal outputs, part number AX030500. This controller is part of a growing line of compact rugged distributed I/O controls packaged for harsh operating environments.



Applications:

- Distributed controls for power generation, co-generation, stationary power
- Distributed controls for commercial vehicles, off-highway equipment, industrial equipment, etc.

Features – AX030500:

- 4 independent analog signal outputs
- Analog signals are user selectable for any range within the following: 0-5V; 0-10V; +/-5V; +/-10V; 0-20mA; 4-20mA; and +/-20 mA.
- 12V/24V/48VDC input power (nominal) with rugged surge protection
- Galvanic isolation between power supply and analog signal outputs
- 1 CAN (SAE J1939) port
- Rugged IP67 packaging and connectors

Program the AX030500 with the

Electronic Assistant® EA

The Electronic Assistant® (EA) runs on any modern PC with the Microsoft Windows® 2000 operating system or higher. It comes with a royalty-free license for use.

With connection to the bus, the EA finds all the devices on the bus, and recognizes the Axiomatic controls. The user can quickly configure an Axiomatic control for its desired performance over a wide variety of applications. An Axiomatic **CAN Assistant – Scope and Visual** is also offered to monitor CAN messages in text and graphical formats. The CAN tools are useful PC-based diagnostic and debugging tools for J1939 networked devices.



Figure 1.0 Windows-based configuration screen from the Electronic Assistant®

Axiomatic provides electronic machine controls, components, and systems to the off-highway, military, power generation, material handling and industrial OEM markets. We provide efficient, innovative solutions that focus on adding value for our customers. We emphasize service and partnership with our customers, suppliers, and employees to build long term relationships and mutual trust.

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VISIT US AT BAUMA, April 19-25, 2010, Munich, Germany – BOOTH A3 569/666

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