



**PRESS RELEASE**

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**DISCRETE I/O MODULE with 8 RELAY  
OUTPUTS, CANopen®  
P/N: AXDIO128CO**

Axiomatic's family of rugged I/O modules for engine applications welcomes the new CANopen® Discrete I/O Module for extending power genset control networks.

The Discrete I/O Module reads 12 discrete inputs and sets 8 Form C relay outputs (2A @ 125VAC, 2A @ 277VAC or 2A @ 32VDC) while providing a simple interface between a CANopen® network and other electronic devices in an engine control system. The unit is an automotive battery powered device with the ability to withstand engine cranking, reverse polarity and transient power conditions. In engine applications, information is provided to the engine control system using CAN messages. Outputs can be controlled by any input or CAN messages. A bi-color LED indicates operational status. The device complies to CAN in Automation Device Profile DS-401. The power supply input is 12V, 24V or 48VDC nominal. It is encapsulated in rugged housing and is suitable for moist, high shock, vibrating and non-hazardous environments. An IP65 rating ensures rugged performance. Units are UL and cUL recognized to UL508 and C22.2 No. 142-M1987. A CE mark for the EMC and RoHS Directives is also provided.

Users program custom functionality via an .EDS file with standard service tools for CANopen® Object Dictionary.

*Axiomatic provides electronic machine controls, components and systems to the off-highway, military, power generation, material handling, electric vehicle, industrial and alternate energy 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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Note: CANopen® is a registered community trade mark of CAN in Automation e.V.