PRESS RELEASE

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Axiomatic Technologies Corporation releases a new Discrete I/O module with 8 Form C relay outputs for engine applications.

The compact Discrete I/O Module reads 12 discrete inputs and sets 8 Form C relay outputs while networking with other CAN devices (SAE J1939 or CANopen®). The unit is a 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 single-frame J1939 application-specific PDU2 type messages. Outputs can be controlled by any input or CAN message.

The AX031850 has configurable setpoints that allow the user to configure it for their application. The *Windows*-based Electronic Assistant can be used to configure the module over the CAN line. The setpoints can also be saved to a file and flashed into other AX031850 modules over the CAN bus. Settings are saved to non-volatile memory upon command.

The AX031850 features a rugged enclosure, gasketing and watertight connectors for an IP67 rating.

Applications:
- Throttle controls for marine engine applications
- Auxiliary I/O for Genset applications
- Servo applications

Other Axiomatic products with relay outputs include the AX030210, AX030211, AX031800, AX031801, AX031851, AX130750, AX130751, AX130770, AX130771, AX031901, AX030911, AX031950, AX031200 and AX031201.

Note: CANopen® is a registered community trademark of CAN in Automation e.V.

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