CONTROLS *INCORPORATED*

XCAN-IO-644

Features

- *Rugged Sealed Electronics*
- *12 or 24 VDC Powered*
- *Six Relay Outputs*
- *Four Digital Inputs*
- *Four Analog Inputs*
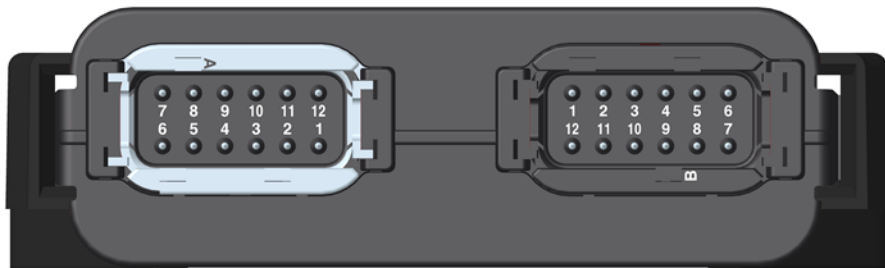- *CANBUS SAE J1939 2.0*
- *CI Station Compatible*

CAN Bus Expansion Input / Output Module

Using technological advances in todays advanced micro processors, Controls Inc. has designed an electronic platform that will expand the inputs and outputs of the CI displays and distribute I/O where it is needed on the equipment. This CAN Based module transmits it analog values and digital input states over the J1939 network. An intelligent display can also command the remote relays to open or close over the Bus as well. Custom firmware packages available to meet your requirements. Stand alone variants are available as well.

Inputs can be configured, through on board jumpers to accept resistive, 0-5 VDC or 4-20mA senders. Relays are configurable to bring the normally open or normally closed contact out to the pin. Each relay has a dry common and a 5 amp rating.

GENERAL SPECIFICATIONS

CONTROLLER	XCAN-IO-644
OPERATING VOLTAGE	6-32 VDC
POWER COMSUMPTION	300mA Nominal; 40mA Standby.
OPERATING AND STORAGE TEMP	-40C to +85C;
DISPLAY	None
ENCLOSURE	Deutsch EEC-352X4A, GORE Vented
PRIMARY GRAY CONNECTOR	Relay 1-6 Commons and Contacts
SECONDARY BLACK CONNECTOR	Power, Flex Analogs, CAN BUS, Digital Inputs

CAN BUS	(1) J1939 2.0B, 250 kbps	
FLEX ANALOG INPUTS	(4) 4-20mA Default*	*Options include 0-5VDC Analog, 4-20 mA Analog or Resistive Sender
DIGITAL INPUTS	(4) NO, Close to Ground	
RELAY OUTPUTS	(6) 5 Amp	Dry Commons, Configurable as NO/NC
LED INDICATORS	Power, CAN & Relay States	