

XCAN-AC



Features

- Rugged Sealed Electronics
- Power Monitoring
- AC Voltage
- AC Current
- Frequency
- kW, kWh and Power Factor
- SAE J1939—75 Communications
- Generator and Utility Applications
- CI Station Compatible

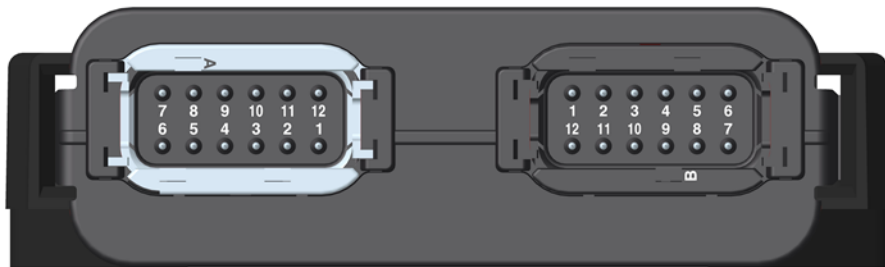
New Power Monitoring Solution for Gen Sets

Using technological advances in today's advanced micro processors, Controls Inc. has designed an electronic platform that monitors AC power and transmits the information on the J1939 CANBUS. The XCAN-AC provides inputs to monitor single or three power along with two or three current transformers. J1939-75 Data is provided out on the CAN Bus for third party devices to monitor and display information. Special wave crossing circuits monitor phase angle and captures instantaneous kW and power factor. Isolated design keeps the AC Neutral and DC ground separated. Custom firmware packages available to meet your requirements.

The XCAN-AC is perfect for monitoring diesel driven generators as well as consumed power by electrically driven devices such as motors. High Wye, Low Wye and Delta configurations supported along with single phase voltages. CAN addresses and CT ratios are field selectable using jumpers configurations or CI Station profiles.

GENERAL SPECIFICATIONS

CONTROLLER	XCAN-AC
OPERATING VOLTAGE	6-32 VDC
POWER COMSUMPTION	100mA Nominal; 40mA Standby.
OPERATING AND STORAGE TEMP	-40C to +85C;
DISPLAY	None
ENCLOSURE	Deutsch EEC-352X4A, GORE Vented
PRIMARY GRAY CONNECTOR	AC Voltage and Current
SECONDARY BLACK CONNECTOR	DC Power and J1939 CANBUS



CAN BUS	(1) J1939 2.0B, 250 kbps	SAE J1939-75
MOD BUS	Optional RS485	Contact Controls Inc
AC VOLTAGE	(3) 0-277 L-N. (1) NEUTRAL	
AC CURRENT	(3) 5 AMP CTS, ISOLATED RETURNS	
LED INDICATORS	Power and CAN	