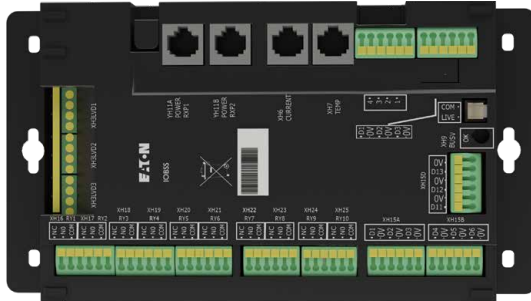# IOBSS-10 SiteSure-3G Board

The **Eaton® SiteSure-3G** adds on to the SC300 Controller to provide control and monitoring of a wide range of external devices. It uses the communications capability of an Eaton DC power system to monitor and control power systems, security, air conditioning, engine alternators and other building services, or sense DC currents for load metering.

Additional SiteSure-3G modules can be added as required to provide the number of inputs and outputs needed for a particular application. SiteSure-3G modules can be remotely controlled and configured using the Visual Power Manager remote control and monitoring software, via the SC300 web interface, or with DCTools local craft terminal.

SiteSure-3G is also compatible with Network Management Systems using SNMP. The IOBSS-10 is an enhanced version of the IOBSS with more digital inputs and outputs.

Features

- Remote control and monitoring
- Expandable
- Modular
- Real time data collection
- Compliance with international standards

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Technical Specifications

DC Input

Rated Voltage	24V / 48V nominal; 0.4A - 0.2A maximum; current depends on LVD option and state From an earthed SELV non-polar power source.
Operational Range	19 - 60V
Power Input Connector	RJ-45 (part of RXP bus)

Input/Output

Bus Voltage Input	Number: Range:	1 -60V to +60V
Current Inputs	Number: Range:	3 -50mV to +50mV
Analogue Input	Number: Range: Connectors:	4 0 to +10V Screwless terminal blocks
Temperature Inputs	Number: Range:	2 2.53V to 3.23V (-20°C to +70°C with TS02 temperature sensor)
Digital Input	Quantity: Connection: Type:	13 Screwless terminal blocks Voltage-free switch or relay contacts only
Digital Outputs (Relays)	Quality: Type: Rating: Wire size:	10 Configurable, including 1 also used for Monitor OK Relays, Voltage free, NO-C-NC, 0.3A at 60V DC/1A at 30V DC 0.5 - 2.0mm² [20 - 14 AWG]

Certifications

Europe	CE
Australia / New Zealand	RCM

In the interests of continual product improvement all specifications are subject to change without notice.

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