BATTERY CHARGERS AND EXPANSION MODULES.

SINGLE-SET COMMUNICATIONS DEVICES 860 / 865

The 860 and 865 are communications devices that allow you to monitor single generating sets over a LAN (network) or WAN (internet) connection. The devices include software that is used to assign a TCP/IP address to a COM Port on a PC. This COM port is then selected by the user in the standard PC software of the module being used. Once this COM port has been selected then the user can communicate directly with the control module from their PC.

If the device needs to be seen over the internet the assigned IP address has to be configured to be visible to the outside world. Once this has been done the module can be communicated with from any remote location that has internet connectivity. The devices have been designed to work with the 73xx and 75xx control modules.

The devices also include LED indicators that show the operation and connection status at all times. Different light patterns indicate a range of status conditions.

FEATURES

- Can be used over an internal network and the internet
- LED status indicators on the devices aid fault finding
- TCP/IP software is extremely easy to use
- Devices automatically reconnect in the event of loss of communication
- Fully customer configurable settings
- DIN rail mounting

BENEFITS

- Works with the 73xx and 75xx control modules
- Generic connectors for simple plug-in operation
- DIN rail mounting allows devices to be installed securely within a panel
- Allows users from different locations to view generator status

OPERATION

A simple PC Windows based application enables the user to assign a TCP/IP address to a COM port. The modules standard PC software then connects to the control module through the selected port. To use the product over the internet, the IP address given to the 860/865 must be made visible to the outside world.

WORLD Automation

SPECIFICATION

DC OUTPUT
8V to 35V DC Continuous

ETHERNET CONNECTION
10Base-T or 100Base-TX (IEEE 802.3).
RJ45 connector

COVER MATERIAL
Grey/Black plastic, LEXAN 940, self extinguishing acc. To UL94-V0

MOUNTING OPTION
DIN rail (EN50022)

DIMENSIONS
86mm x 35mm x 57mm
3.4 x 1.4 x 2.2

ENVIRONMENTAL TESTING STANDARDS

ELECTRO MAGNETIC CAPABILITY
BS EN 61000-6-2
EMC Generic Emission Standard for the Industrial Environment
BS EN 61000-6-4
EMC Generic Emission Standard for the Industrial Environment

TEMPERATURE
BS EN 60068-2-2
Test Ab to +70°C 60067-2-2 Hot
Test Ab to -30°C 60068-2-1 Cold

VIBRATION
BS EN 60068-2-6
Ten sweeps in each of three major axes
5Hz to 8Hz @ +/-7.5mm, 8Hz to 500Hz @ 2gn

HUMIDITY
BS 2011 part 2.1 60068-2-30
Test Cb Ob Cyclic
93% RH @ 40°C for 48 hours

SHOCK
BS EN 60068-2-27
Three shocks in each of three major axes
15gn in 11mS