

# DSE860/865

## SINGLE-SET COMMUNICATIONS DEVICES

The DSE860 and DSE865 are communications devices that allow you to monitor single or multiple 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 DSE 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 DSE73xx series and DSE335 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.

### KEY 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
- Enables MODBUS RTU via a TCP connection to a PC.

### KEY BENEFITS

- Works with the DSE73xx series and DSE335 control modules
- Generic connectors for simple plug-in operation
- DIN rail mounting allows devices to be installed securely within a panel
- Allows users (one user at any one time) from different locations to view generator status



### SPECIFICATION

#### DC SUPPLY

8 V to 35 V 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

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

### ENVIRONMENTAL TESTING STANDARDS

#### ELECTRO-MAGNETIC COMPATIBILITY

BS EN 61000-6-2  
EMC Generic Immunity Standard for the Industrial Environment  
BS EN 61000-6-4  
EMC Generic Emission Standard for the Industrial Environment

#### ELECTRICAL SAFETY

BS EN 60950  
Safety of Information Technology Equipment, including Electrical Business Equipment

#### TEMPERATURE

BS EN 60068-2-1  
Ab/Ae Cold Test -30 °C  
BS EN 60068-2-2  
Bb/Be Dry Heat +70 °C

#### VIBRATION

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

#### HUMIDITY

BS EN 60068-2-30  
Db Damp Heat Cyclic 20/55 °C @ 95% RH 48 Hours  
BS EN 60068-2-78  
Cab Damp Heat Static 40 °C @ 93% RH 48 Hours

#### SHOCK

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

### RELATED MATERIALS

TITLE	PART NO'S
DSE860 & DSE865 Manual	057-099
DSE7310/20 Data Sheet	055-051
DSE335 Data Sheet	055-107



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