

# DSE8003

## 7" COLOUR MULTI-SET REMOTE OVERVIEW DISPLAY

### FEATURES



The Remote Overview Display module is designed for use with the DSE86xx, DSE86xx MKII, DSE87xx and DSE88xx Load Share Control modules, giving a choice of display options suitable for a wide variety of applications. One (1) display overview module can be connected to multiple compatible modules via a data communication link up to a maximum distance of 1.2 km on RS485.

This display module offers comprehensive large screen graphs, charts, metering, power display and engine status information in a clear image and text format.

### 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  
5Hz to 8Hz @ +/-7.5mm, 8Hz to 500Hz @ 2gn

#### 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

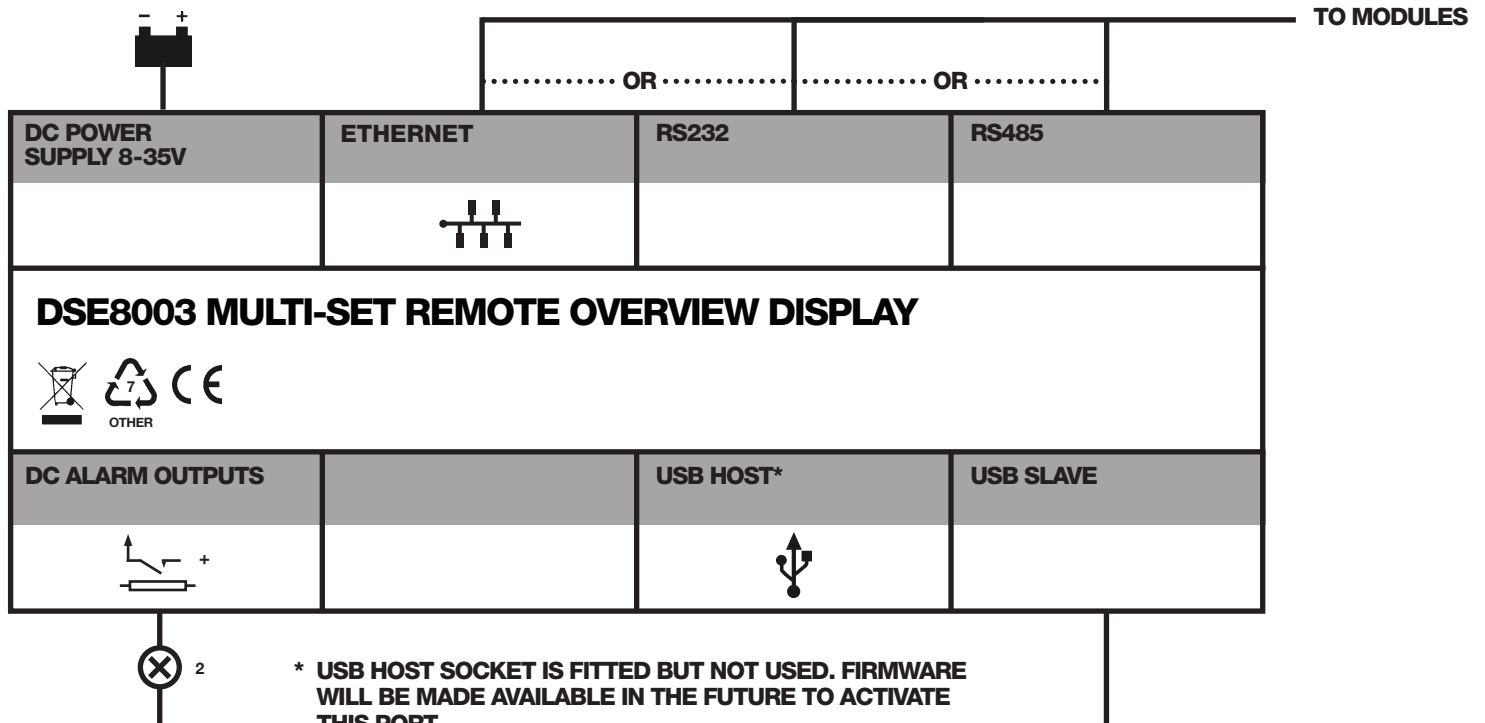
#### SHOCK

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

#### DEGREES OF PROTECTION PROVIDED BY ENCLOSURES

BS EN 60529 IP65 - Front of module when installed into the control panel with the optional sealing gasket.

## COMPREHENSIVE FEATURE LIST TO SUIT A WIDE VARIETY OF LOAD SHARE APPLICATIONS



# DSE8003

## 7" COLOUR MULTI-SET REMOTE OVERVIEW DISPLAY

### FEATURES



### KEY FEATURES WHEN CONNECTED TO THE COMPATIBLE MODULES

- Multiple modules (up to a maximum of 20) within the same load sharing system can be viewed
- Touch-screen enabled
- RS232, RS485 and Ethernet communications
- Audible alarm
- Front panel mounting
- Protected front panel configuration
- Remote monitoring
- System monitoring

### KEY BENEFITS

- Compatible with DSE86xx, DSE87xx & DSE88xx Load Share Modules
- Data communication link allows remote system management
- 800 x 480 pixel screen for high clarity
- Detailed diagnostics screens for efficient fault-finding

### SPECIFICATION

#### DC SUPPLY

##### CONTINUOUS VOLTAGE RATING

8 V to 35 V continuous

#### CRANKING DROPOUTS

Able to survive 0 V for 50 mS, providing supply was at least 10 V before dropout and supply recovers to 5 V. This is achieved without the need for internal batteries

#### MAXIMUM OPERATING CURRENT

300 mA at 12V, 150 mA at 24V

#### OUTPUTS

##### ALARM OUTPUTS C & D

2 A DC at supply voltage

#### DIMENSIONS

##### OVERALL

310 mm x 160 mm x 40 mm  
12.2" x 6.3" x 1.5"

##### PANEL CUTOUT

282 mm x 136 mm  
11.1" x 5.3"

#### STORAGE TEMPERATURE RANGE

-40°C to +85°C

#### OPERATING TEMPERATURE RANGE

-30°C to +70°C

### RELATED MATERIALS

#### TITLE

DSE8003 Installation Instructions  
DSE8003 Colour Remote Display Manual  
DSE8005 SCADA Suite Manual  
DSE8610 Data Sheet  
DSE8620 Data Sheet  
DSE8660 Data Sheet  
DSE8680 Data Sheet  
DSE8700 Rear Mounted Load Share Control Module Data Sheet  
DSE8810 Data Sheet  
DSE8860 Data Sheet

#### PART NO'S

053-075  
057-134  
057-128  
055-083  
055-099  
055-086  
055-091  
055-090  
055-116  
055-139

### DEEP SEA ELECTRONICS PLC UK

Highfield House, Hunmanby Industrial Estate, Hunmanby YO14 0PH  
**TELEPHONE** +44 (0) 1723 890099 **FACSIMILE** +44 (0) 1723 893303  
**EMAIL** sales@deepseapl.com **WEBSITE** www.deepseapl.com

### DEEP SEA ELECTRONICS INC USA

3230 Williams Avenue, Rockford, IL 61101-2668 USA  
**TELEPHONE** +1 (815) 316 8706 **FACSIMILE** +1 (815) 316 8708  
**EMAIL** sales@deepseausa.com **WEBSITE** www.deepseausa.com