

# DSE8003 MKII

## 7" COLOUR MULTI-SET REMOTE OVERVIEW DISPLAY



### KEY FEATURES

- Multiple modules (max 20) within the same load sharing system can be viewed on the 8003's front screen.
- Touch-screen enabled.
- RS232, RS485 and Ethernet communications.
- Audible alarm.
- Front panel mounting.
- Protected front panel configuration.
- Remote monitoring.
- System monitoring.
- Enhanced graphical user interface.
- Powerful processor for fast operating response times.

### KEY BENEFITS

- Compatible with DSE86XX MKII load share modules.
- Data communication link allows remote system management.
- 800 x 480 pixels for high screen resolution.

### SPECIFICATIONS

#### 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"

#### OPERATING TEMPERATURE RANGE

-30 °C to +70 °C  
-22 °F to +158 °F

#### STORAGE TEMPERATURE RANGE

-40 °C to +85 °C  
-40 °F to +185 °F

### RELATED MATERIALS

#### TITLE

DSE8003 MKII Installation Instructions  
DSE8005 SCADA Suite Manual  
DSE8610 MKII Data Sheet  
DSE8660 MKII Data Sheet

#### PART NO.

053-231  
057-128  
055-204  
055-169

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## 7" COLOUR MULTI-SET REMOTE OVERVIEW DISPLAY

The DSE8003 MKII is designed for use with the DSE86xx MKII load share control modules, giving a choice of display options suitable for a wide variety of applications. One (1) DSE8003 MKII module can be connected to multiple compatible modules via a data communication link up to a maximum distance of 1.2 km in length, using RS485.

The DSE8003 MKII features completely re-designed screen layouts and icons to provide comprehensive large screen graphs, charts, metering, power display and engine status information in a clear image and text format.

The DSE8003 MKII also features an improved processor for improved operating response times.

### 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 supplied sealing gasket.

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

