

# DSE8721

## 7" COLOUR REMOTE DISPLAY

### FEATURES



The DSE8721 7" colour remote display module has been designed to provide superior functionality across a wide range of operations, when used with the DSE86xx and DSE87xx synchronising & loadsharing control modules.

The DSE8721 display demonstrates exceptional data communication capabilities up to a maximum distance of 1.2 km from the host DSEgenset controller.

The colour display on the DSE8721 module offers large-scale graphics, charts, metering, power display and engine status, providing the information in a clear image and text format in a multitude of different languages.

### 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

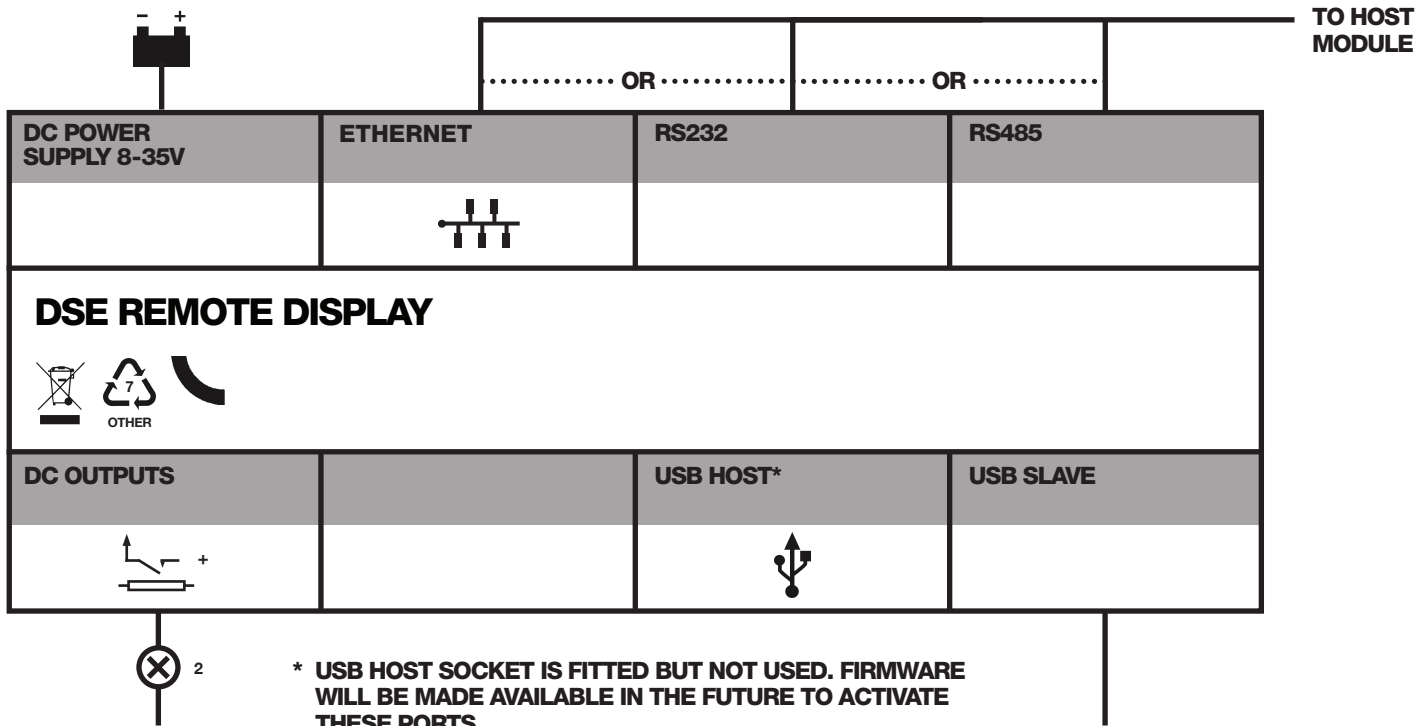
**VIBRATION**  
 BS EN 60068-2-6  
 Ten sweeps in each of three major axes  
 5 Hz to 8 Hz at +/-7.5 mm, 8 Hz to 500 Hz at 2 gn

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

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

**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



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### KEY FEATURES

- 7" colour display
- Five key menu navigation
- Multiple display languages
- RS232, RS485 and ethernet communications
- Audible alarm
- Front panel mounting
- Protected front panel configuration for connected host controller
- Remote monitoring of connected host controller
- Maximum distance of 1.2 km from host controller when using RS485
- Easy access diagnostic page
- LCD alarm indication
- Power monitoring (kW h, kV Ar, kV A h, kV Ar h)
- Additional display screens to help with modern diagnostics

### KEY BENEFITS

- 800 x 480 pixel screen for high clarity
- Range of display options makes the system highly versatile to suit different load share application demands
- Data communication link allows remote system management
- IP65 rating (with supplied gasket) offers increased resistance to water ingress

### SUPPORTED MODULES

- DSE8610
- DSE8620
- DSE8660
- DSE8710
- DSE8760

### 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 12 V, 150 mA at 24 V

#### OUTPUTS

**ALARM OUTPUTS C & D**  
2 A DC at supply voltage

#### DIMENSIONS

**SCREEN SIZE**

7" (176 mm) diagonal

#### OVERALL

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

#### PANEL CUTOOUT

282 mm x 136 mm  
11.1" x 5.3"

#### STORAGE TEMPERATURE RANGE

-40 °C to +85 °C  
-40 °F to +185 °F

#### OPERATING TEMPERATURE RANGE

-30 °C to +70 °C  
-22 °F to +158 °F

### RELATED MATERIALS

#### TITLE

DSE8721 Installation Instructions  
DSE8721 Colour Remote Display Manual  
DSE8610 Data Sheet  
DSE8620 Data Sheet  
DSE8660 Data Sheet  
DSE8710 Data Sheet  
DSE8760 Data Sheet

#### PART NO'S

053-072  
057-126  
055-083  
055-099  
055-086  
055-184  
055-185

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