

# DSE871X/8721

## STANDARD & COLOUR REMOTE DISPLAYS

### FEATURES



The Remote Display modules are designed for use with the DSE 8700 Series Rear Mounted Load Share Control modules, giving a choice of display options suitable for a wide variety of applications. One (1) display module can be connected to one (1) DSE8700 control module via a data communication link up to a maximum distance of 1km (on RS485).

#### THE DSE8721 COLOUR REMOTE DISPLAY

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

For use with DSE8710 and DSE8760 versions.

#### THE DSE871X STANDARD REMOTE DISPLAYS

These display modules offer 4-line text and icon information and consist of the following modules:

- DSE8711 – for use with DSE8710 Auto Start Module
- DSE8716 - for use with DSE8760 ATS/Mains Controller Module

### 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

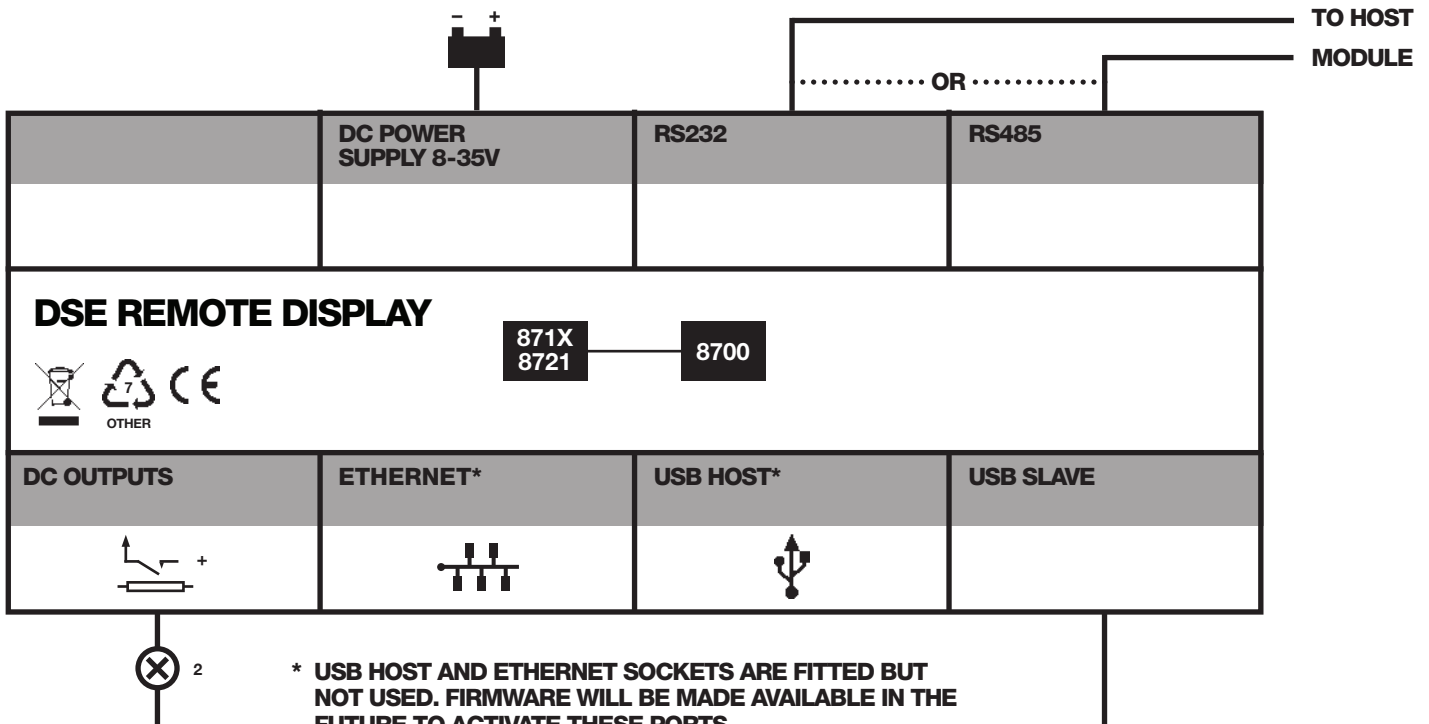
#### SHOCK

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



# DSE871X/8721

## STANDARD & COLOUR REMOTE DISPLAYS

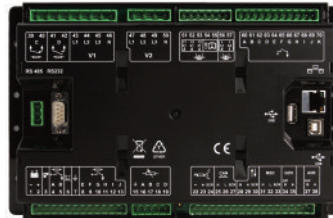
### FEATURES



**DSE8721**  
Colour Remote Display



**DSE8711, DSE8716**  
Standard Remote Display



**DSE8700 SERIES**  
Rear Mounted Loadshare Unit

### 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**  
**DSE8721**  
300 mA at 12 V, 150 mA at 24 V  
**DSE871X**  
140 mA at 12 V, 70 mA at 24 V

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

**DSE8721 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 CUTOUT**  
282 mm x 136 mm  
11.1" x 5.4"

**DSE871x DIMENSIONS**  
**OVERALL**  
240 mm x 181 mm x 41.7 mm  
9.4" x 7.1" x 1.6"

**PANEL CUTOUT**  
220 mm x 160 mm  
8.7" x 6.3"

### KEY FEATURES WHEN CONNECTED TO THE HOST MODULE

- RS232, RS485 and ethernet communications
- Audible alarm
- Engine protection
- Fault condition notification to a designated PC
- Front panel mounting

- Protected front panel configuration
- Configurable alarms and timers
- Configurable start and stop timers
- SMS alert messaging
- Remote monitoring

### KEY BENEFITS

- Range of display options makes the system highly versatile to suit different load share application demands
- Data communication link allows remote system management
- 800 x 480 pixel screen for high clarity (DSE8721)

### RELATED MATERIALS

#### TITLE

DSE8721 Installation Instructions  
DSE8721 Colour Remote Display Manual  
DSE871x Mono Remote Display Manual  
DSE8700 Rear Mounted Load Share Control Module Data Sheet  
DSE8700 Installation Instructions  
DSE871x Installation Instructions

#### PART NO'S

053-072  
057-126  
057-129  
055-090  
053-073  
053-071

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