

DSEPOWER[®] SHARING WITH SIMPLICITY



DSE871X MONO REMOTE DISPLAY DSE8721 COLOUR REMOTE DISPLAY

The Remote Display modules are designed for use with the 87xx Rear Mounted Load Share Control module, 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.

Programming is via the front panel.

THE DSE871X MONO 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

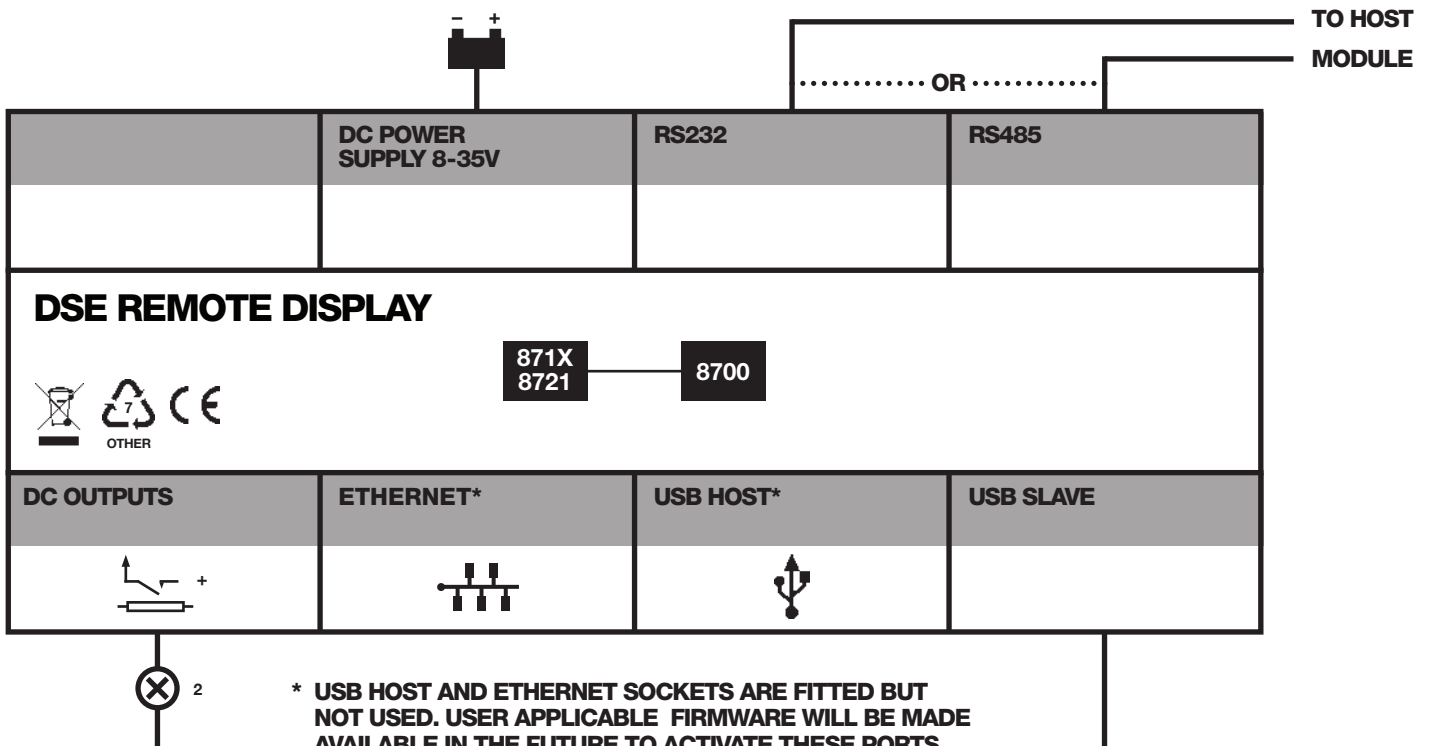
HUMIDITY

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

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



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DSE871X MONO REMOTE DISPLAY
DSE8721 COLOUR REMOTE DISPLAY



DSE8721
COLOUR REMOTE DISPLAY



DSE8711, DSE8716
MONO REMOTE DISPLAY



DSE8700
REAR MOUNTED LOAD SHARE UNIT

FEATURES WHEN CONNECTED TO THE HOST MODULE

- RS232 & RS485 remote communications
- Audible alarm
- Engine protection
- Fault condition notification to a designated PC
- Front panel mounting

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

BENEFITS

- Range of display options makes the system highly versatile to suit different load share application demands
- Data communication link allows remote system management

RELATED LITERATURE

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

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

SPECIFICATION

DC SUPPLY

8V to 35V continuous

CRANKING DROPOUTS

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

MAXIMUM OPERATING CURRENT

DSE8721 max @ 24V = 150mA
DSE8721 max @ 12V = 300mA
DSE871x max @ 24V = 70mA
DSE871x max @ 12V = 140mA

FET OUTPUTS

Two outputs @ 2A DC

ENCLOSURE PROTECTION

(front of module)
IP65 (with gasket)
IP42 (without gasket)

DSE8721 DIMENSIONS

PRODUCT

310mm x 160mm x 40mm.
12.2" x 6.3" x 1.6"

PANEL CUTOUT

282mm x 134mm
11.1" x 5.3"

DSE871x DIMENSIONS

PRODUCT

240mm x 181mm x 41.7mm
9.4" x 7.1" x 1.6"

PANEL CUTOUT

220mm x 160mm
8.7" x 6.3"

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