

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, DSE86xx MKII and DSE87xx synchronising & load sharing control modules.

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.

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

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

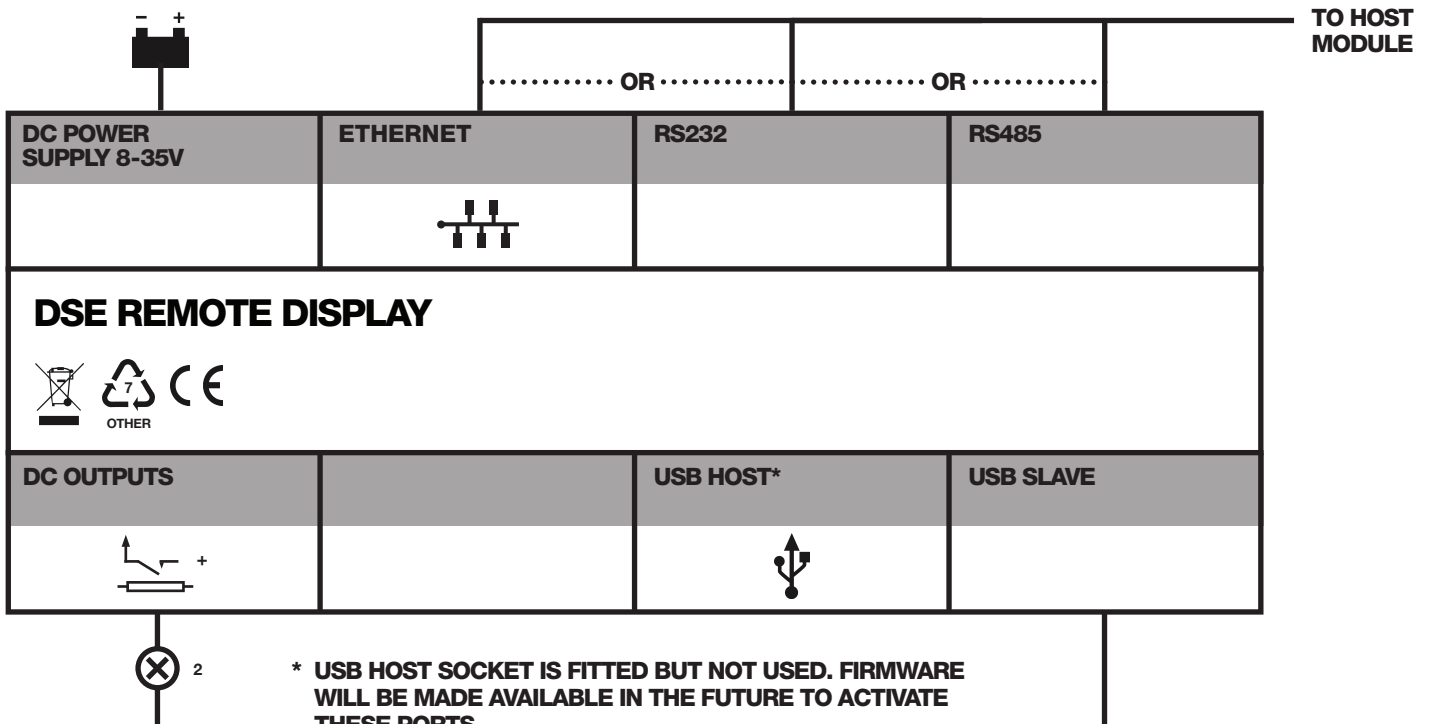
SHOCK

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 modem 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
- DSE8610 MKII
- DSE8660 MKII
- 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 CUTOUT

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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