

DSE8711/16

STANDARD REMOTE DISPLAYS

FEATURES



The DSE8711/16 standard remote display modules are designed to provide superior remote display capabilities when used with the high-performance DSE86xx and DSE87xx synchronising & loadsharing control modules.

This particular display has a 4-line text display, to provide the user with a clear and practical functional and operational understanding of all genset parameters in a multitude of different languages.

The 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

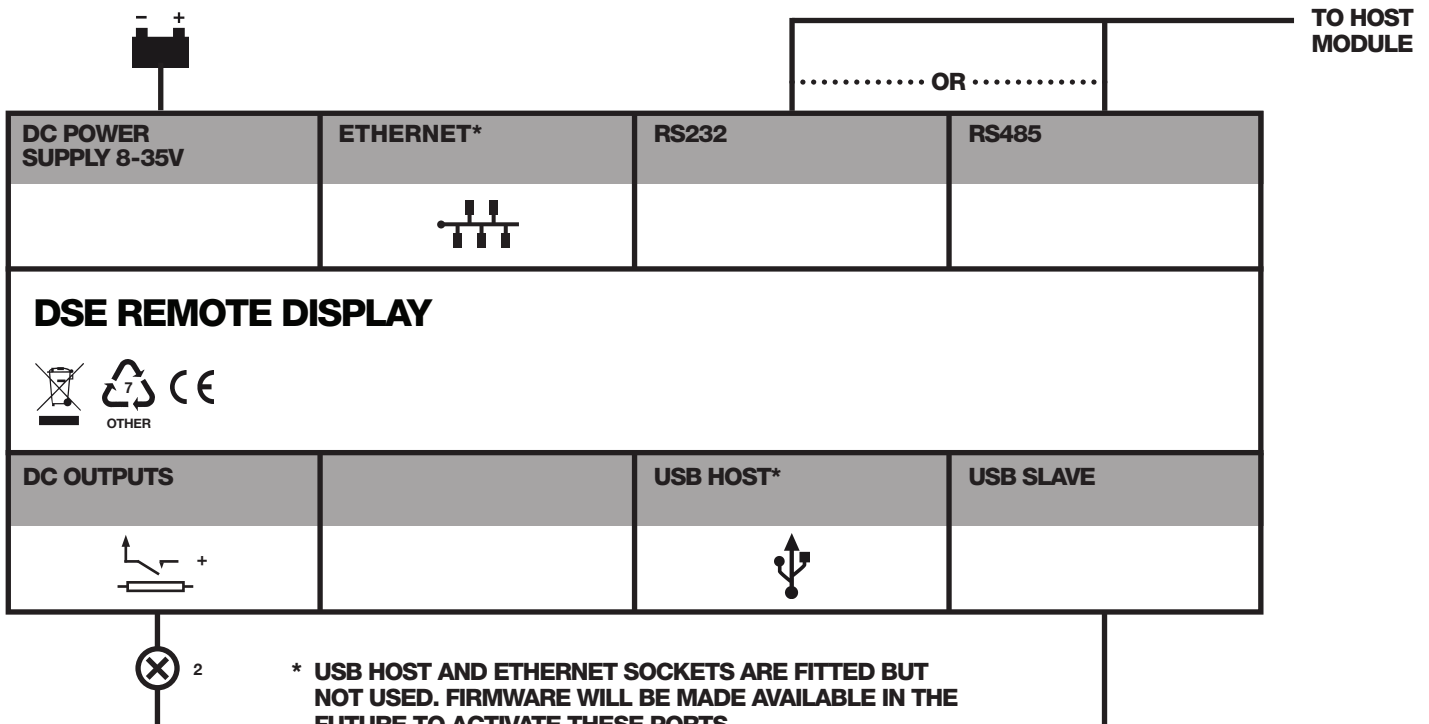
SHOCK

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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DSE8716



DSE8711



KEY FEATURES

- 4-Line back-lit LCD text display
- Five key menu navigation
- Multiple display languages
- RS232 & RS485 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
- LED and 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

- 132 x 64 pixel ratio display for 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 WITH DSE8711

- DSE8610
- DSE8710

SUPPORTED MODULES WITH DSE8716

- DSE8660
- 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

140 mA at 12 V, 70 mA at 24 V

OUTPUTS

ALARM OUTPUTS C & D
2 A DC at supply voltage

DIMENSIONS

OVERALL
240 mm x 181 mm x 42 mm
9.4" x 7.1" x 1.6"

PANEL CUTOUT

220 mm x 160 mm
8.7" x 6.3"

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

DSE871x Standard Remote Display Manual
DSE871x Installation Instructions
DSE8610 Data Sheet
DSE8660 Data Sheet
DSE8710 Data Sheet
DSE8760 Data Sheet

PART NO'S

057-129
053-071
055-083
055-086
055-184
055-185

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