DSEGenset

DSE

DSE2510/20
REMOTE DISPLAY MODULES

FEATURES

The DSE2510 and DSE2520 are display modules designed to work with the DSE7310 Auto Start and DSE7320 Auto Mains (utility) Failure control modules. Up to three display modules can be connected to one host control module, and can be positioned up to a maximum distance of 1km away.

The remote displays offer exactly the same instrumentation, control and monitoring capabilities as the host control module, including starting and stopping of the engine.

All remote displays connected to the same system, will show the same information at any one time, while the host controller is able to display different information.

The modules are simple to operate and feature the same user-friendly menu layout as the host module.

All communications and configuration are done via the host module only. The remote devices simply mirror the configuration of the host module, making the system quick and easy to install.

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

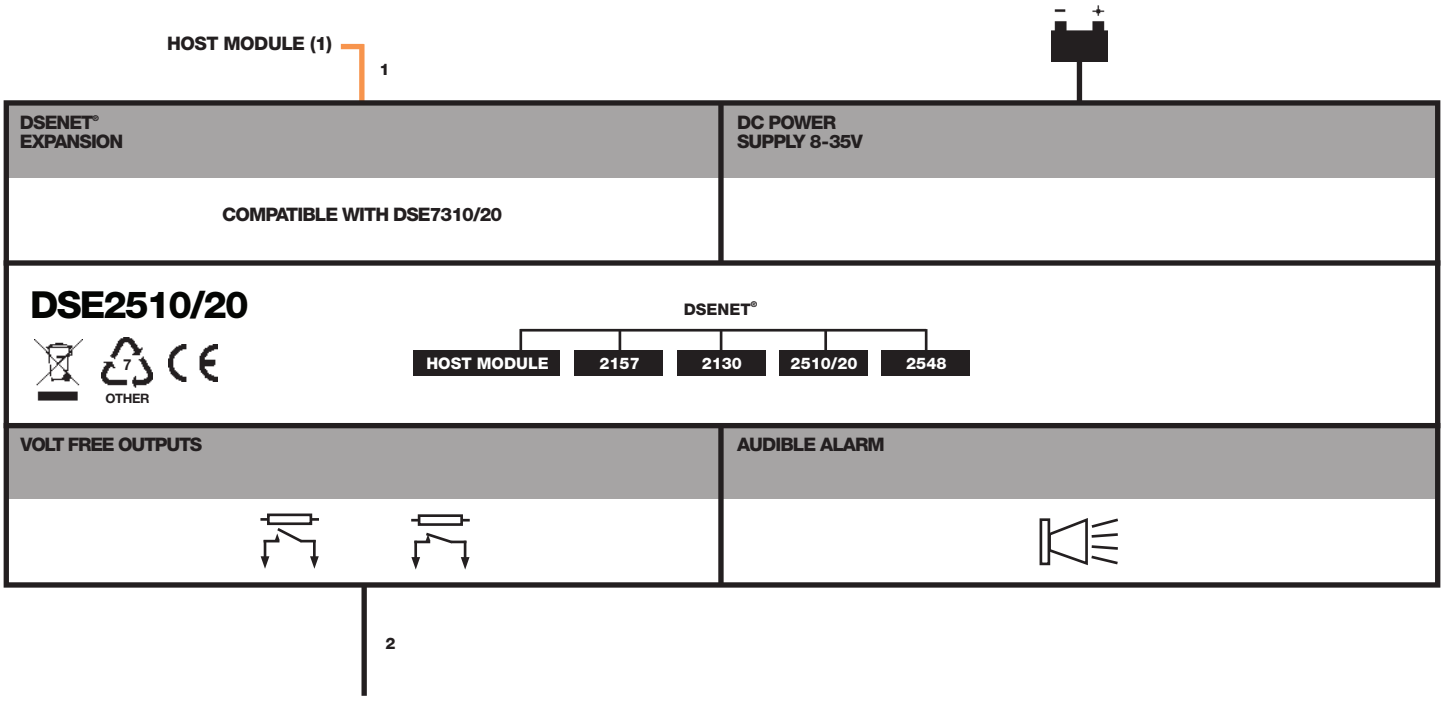
VIBRATION
BS EN 60068-2-6
Ten sweeps in each of three major axes
5 Hz to 8 Hz @ +/-7.5 mm,
8 Hz to 500 Hz @ 2 gn

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
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 supplied sealing gasket.

COMPREHENSIVE FEATURE LIST TO SUIT A WIDE VARIETY OF GEN-SET APPLICATIONS



ISSUE 2

DSEGenset

DSE2510/20
REMOTE DISPLAY MODULES

FEATURES



KEY FEATURE
Expands the application possibilities of the DSE7300 Series by offering remote control and monitoring from up to 3 seperate locations.

OPERATION
The remote displays are operated via the START, STOP, AUTO and MANUAL soft touch membrane buttons on the front panel. The DSE2520 also has a TEST button. Both versions include load switch buttons. The main menu system is accessed using the five navigation buttons to the left of the LCD display.

For a more detailed list of module features, please refer to the DSE7310 & DSE7320 Data Sheet.

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. LEDs and backlight will not be maintained during cranking.

MAXIMUM OPERATING CURRENT
340mA at 12V 160mA at 24V

MAXIMUM STANDBY CURRENT
160mA at 12V 80mA at 24V

DIMENSIONS

OVERALL
240mm x 181.1mm x 41.7mm
9.4” x 7.1” x 1.6”

PANEL CUT-OUT
220mm x 160mm
8.7” x 6.3”

MAXIMUM PANEL THICKNESS
8 mm
0.3”

RELATED MATERIALS

TITLE	PART NO’S
DSE2510/20 Installation Instructions	053-064
DSE2510/20 Operator Manual	057-107
DSE7310/20 Data Sheet	055-051

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