

DSE8711/16 NDARD REMOTE DISPLAYS



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.

The display demonstrates exceptional data communication capabilities up to a maximum distance of 1.2 km from the Host DSEGenset controller.

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.



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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			····· OR ·····			
DC POWER SUPPLY 8-35V	ETHERNET*	RS232		RS485		
	•##					
DSE REMOTE D	DISPLAY					
DC OUTPUTS		USB HOST*		USB SLAVE		
t+ 		,	2			
2	USB HOST AND ETHERNET NOT USED. FIRMWARE WILL FUTURE TO ACTIVATE THES	BE MADE AVA		E		
		IPC MEMBER				



DSE**8711/16** DARD REMOTE DISPLAYS



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 modem diagnostics

clarity

KEY BENEFITS

 Range of display options makes the system highly versatile to suit different load share application demands

• 132 x 64 pixel ratio display for

(h)

- remote system management
- offers increased resistance to water ingress

SUPPORTED MODULES WITH DSE8711

DSE 8716

111

• DSE8610

DEEP SEA ELECTRO

DSE8710

SUPPORTED MODULES WITH DSE8716

- DSE8660
- DSE8760

- Data communication link allows
 - IP65 rating (with supplied gasket)

SPECIFICATION

DC SUPPLY CONTINUOUS VOLTAGE BATING 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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Deep Sea Electronics Plc maintains a policy of continuous development and reserves the right to change the details shown on this data sheet without prior notice. The contents are intended for guidance only.

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