

DSE2152

ANALOGUE OUTPUT EXPANSION MODULE

The DSE2152 Analogue Output Expansion Module is used in conjunction with supported DSENet controllers to provide 6 additional outputs. The outputs can be individually configured as 0 to 10 V or 4 to 20 mA, via the 'host controller'.

LED indication is provided for 'Power On' and 'Link Lost'

The DSE2152 is designed to be mounted within a control panel, either on the panel DIN rail utilising the integral mounts, or chassis mounted, utilising the mounting holes.

Up to four DSE2152 modules can be linked together to provide up to 24 additional outputs. An ID switch is provided on the module for identification.

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

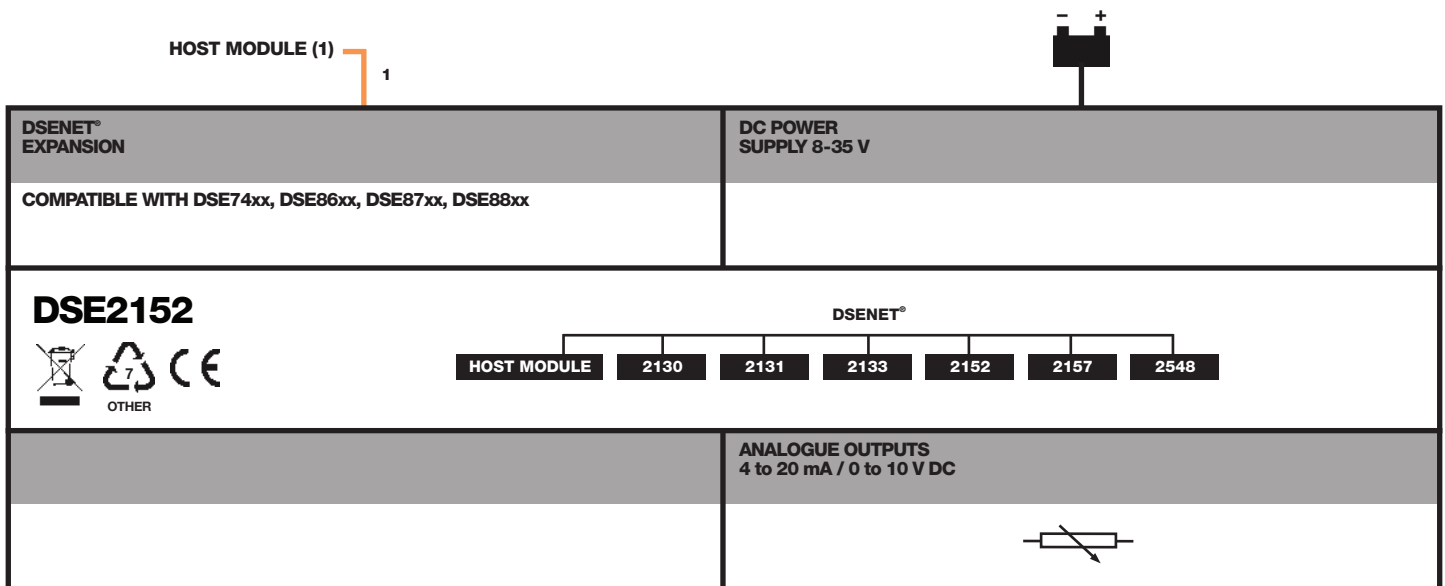
SHOCK

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
IP21

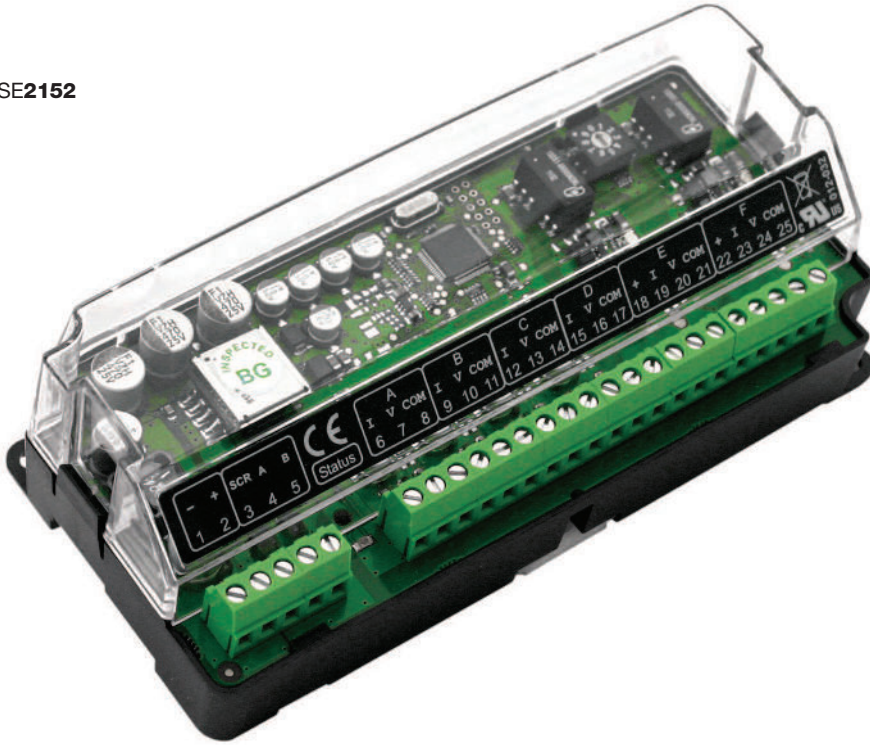
COMPREHENSIVE FEATURE LIST TO SUIT A WIDE VARIETY OF GEN-SET APPLICATIONS



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ANALOGUE OUTPUT EXPANSION MODULE

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KEY FEATURES

- Analogue output expansion module for supported DSENet controllers
- 6 outputs configurable as 4 to 20mA (0 to 20mA) and 0 to 10 V DC
- Power On/Link Lost LED
- A maximum of 4 modules can be connected to 1 host control module to provide up to 24 additional configurable outputs
- Works up to 1.2 km (0.75 miles) from the host controller
- Terminal strip connection for quick and easy set up
- Simplified configuration using DSE PC Configuration Suite Software through host controller

KEY BENEFIT

- Ideal for applications where additional control monitoring is critical

SPECIFICATION

DC SUPPLY

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 will not be maintained during cranking.

MAXIMUM OPERATING CURRENT

120 mA at 12 V, 60 mA at 24 V

OUTPUTS

OUTPUT A, B, C & D

Non-Isolated
Configurable As: 4 to 20 mA DC or 0 V to 10 V DC

OUTPUT E & F

Optional Isolation
Configurable As: 4 to 20 mA DC or 0 V to 10 V DC

DIMENSIONS

OVERALL

165 mm x 76 mm x 49 mm
6.5" x 3" x 1.9"

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

DSE2152 Installation Instructions
DSE2152 Operator Manual
DSE7410/20 Data Sheet
DSE8610 Data Sheet
DSE8620 Data Sheet
DSE8660 Data Sheet
DSE8710 Data Sheet
DSE8760 Data Sheet
DSE8810 Data Sheet
DSE8860 Data Sheet

PART NO'S

053-134
057-141
055-108
055-083
055-099
055-086
055-184
055-185
055-116
055-139

DEEP SEA ELECTRONICS PLC UK

Highfield House, Hunmanby Industrial Estate, Hunmanby YO14 0PH
TELEPHONE +44 (0) 1723 890099 **FACSIMILE** +44 (0) 1723 893303
EMAIL sales@deepseapl.com **WEBSITE** www.deepseapl.com

DEEP SEA ELECTRONICS INC USA

3230 Williams Avenue, Rockford, IL 61101-2668 USA
TELEPHONE +1 (815) 316 8706 **FACSIMILE** +1 (815) 316 8708
EMAIL sales@deepseausa.com **WEBSITE** www.deepseausa.com