



)SE**2152** OGUE 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 - 10 V or 4 - 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 0C BS EN 60068-2-2 Bb/Be Dry Heat +70 0C

VIBRATION

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

HUMIDITY

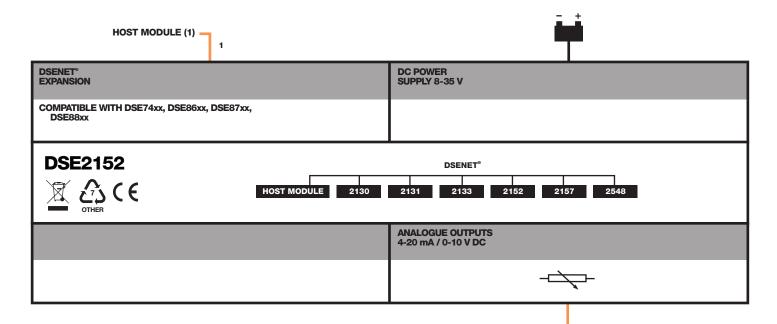
BS EN 60068-2-30 Db Damp Heat Cyclic 20/55 0C @ 95% RH 48 Hours BS EN 60068-2-78 Cab Damp Heat Static 40 0C @ 93% RH 48 Hours

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

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











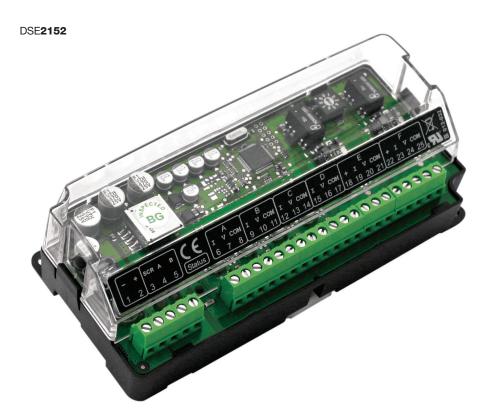








DSE**2152**ANALOGUE OUTPUT EXPANSION MODULE



KEY FEATURES

- Analogue output expansion module for supported DSENet controllers
- 6 outputs configurable as 4-20mA (0-20mA) and 0-10 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 conection for quick and easy set up
- Simplified configuration using DSE PC Configuration Suite Software

KEY BENEFIT

· Ideal for applications where additional control monitoring is

SPECIFICATION

DC SUPPLY

8V to 35V 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

56 mA at 12 V. 20 mA at 24 V

OUTPUTS

OUTPUT A, B, C & D

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

OUTPUT E & F

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

OVERALL

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

STORAGE TEMPERATURE RANGE -40 $^{\circ}\text{C}$ to +85 $^{\circ}\text{C}$

OPERATING TEMPERATURE RANGE

RELATED MATERIALS

TITLE

DSE2152 Installation Instructions DSE2152 Operator Manual

PART NO'S

053-134 057-141

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