DSEGenset

DSE855

KEY FEATURES

- Supports a wide range of DSE controllers.
- Converts supported DSE controller's USB port to an Ethernet port.
- In-built web server for use over an internal network and the internet.
- Simple configuration of DSE855 via an internet browser.
- Remote control and monitoring of the connected supported DSE controller.
- Option for multiple users to restrict access permissions.
- Supports MODBUS TCP via Ethernet port.
- LED status indication on the device to aid fault finding.

KEY BENEFITS

- Allows up to four users from different locations to monitor a DSE controller's status.
- Allows integration of DSE controllers into building management systems (BMS).
- DIN rail mounting allows the device to be installed securely into a panel.
- Generic connectors for simple plug-in operation.
- Firmware upgradeable via a USB memory device or OTA (Over The Air) using the internet.
- No additional PC software required as DSE855 configuration is achieved using the in-built web server.

SPECIFICATION

DC SUPPLY

CONTINUOUS VOLTAGE RATING
8 V to 35 V Continuous

CRANKING DROPOUTS
Able to survive 0 V for 100 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
123 mA at 12 V
71 mA at 24 V

MAXIMUM STANDBY CURRENT
104 mA at 12 V
63 mA at 24 V

COMMUNICATIONS
USB (Single DSE Controller)
Ethernet

DIMENSIONS

OVERALL
35 mm x 97 mm x 102 mm
1.4" x 3.8" x 4.0"

MOUNTING
DIN Rail

OPERATING TEMPERATURE RANGE

-30 °C to + 70 °C
-22 °F to + 158 °F

STORAGE TEMPERATURE RANGE

-40 °C to + 80 °C
-40 °F to + 176 °F

RELATED MATERIALS

TITLE	PART NO'S
DSE855 Installation Instructions	053-159
DSE855 Operations Manual	057-205
DSEL400/L401 Data Sheet	055-162
DSE4310/20 Data Sheet	055-154
DSE4410/20 Data Sheet	055-068
DSE4510/20 Data Sheet	055-132
DSE4610/20 Data Sheet	055-165

TITLE	PART NO'S
DSE6010/20 Data Sheet	055-079
DSE6110/20 Data Sheet	055-069
DSE6610/20 Data Sheet	055-159
DSE7110/20 Data Sheet	055-081
DSE7110/20 MKII Data Sheet	055-138
DSE7210/20 Data Sheet	055-050
DSE7310/20 Data Sheet	055-051

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DSE855

USB TO ETHERNET COMMUNICATIONS DEVICE

The DSE855 is a communications device that allows you to monitor a single DSE controller with USB connectivity over a LAN (network) or WAN (internet) connection. This is achieved using the in-built web server or MODBUS TCP.

If the device needs to be seen over the internet, the internet router's IP address has to be configured to be visible to the outside world. Once this has been done the DSE855 can be communicated with from any remote location that has internet connectivity. The device has been designed to work with a wide range of DSE controllers.

The device also includes an LED indicator that shows the operation and connection status at all times.

COMPATIBLE DSE CONTROLLERS INCLUDE:

AUTO START MODULES

DSEL400
DSEL401
DSE4310
DSE4410
DSE4510
DSE4610
DSE6010
DSE6110
DSE6610
DSE7110
DSE7110MKII
DSE7210
DSE7310

AUTO MAINS FAILURE MODULES

DSE4320
DSE4420
DSE4520
DSE4620
DSE6020
DSE6120
DSE6620
DSE7120
DSE7120MKII
DSE7220
DSE7320

ENVIRONMENTAL TESTING STANDARDS

ELECTRO MAGNETIC COMPATIBILITY
BS EN 61000-6-2
EMC Generic Emission 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

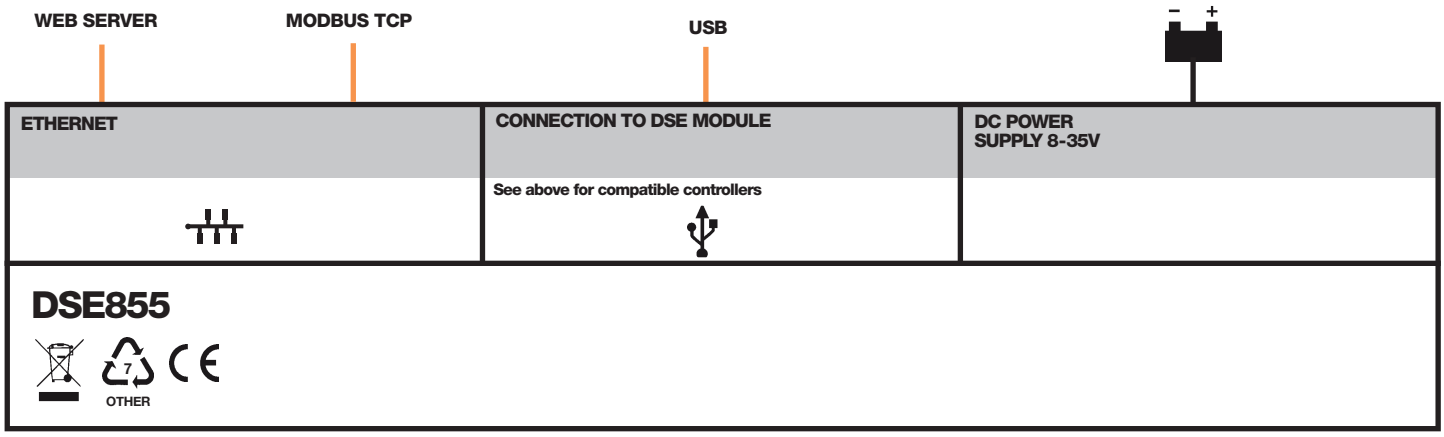
TEMPERATURE
BS EN 60068-2-2
Test Ab to +70 °C 60067-2-2 Hot
Test Ab to -30 °C 60068-2-1 Cold

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 2011 part 2.1 60068-2-30
Test Cb Ob Cyclic
93% RH at 40 °C for 48 hours

SHOCK
BS EN 60068-2-27
Three shocks in each of three major axes
15 GN in 11 mS

COMPREHENSIVE FEATURE LIST TO SUIT A WIDE VARIETY OF APPLICATIONS



ISSUE 1