

# DSE892

## SNMP GATEWAY



### KEY FEATURES

- Supports a wide range of DSE controllers
- Status LEDs for each communications port
- Plug and socket connections and DIN rail mounting for quick and easy set up
- Email / SNMP TRAP messages upon controller events and operating status change
- Fully customisable Email / SNMP TRAPs based upon module instrumentation values
- SNMP SET to change controller mode
- SNMP GET for instrumentation
- Simple configuration via internet browser – No additional PC software required
- Automatically generated MIB file to ease system integration, downloadable directly from the DSE892
- Email by SMTP client

### KEY BENEFITS

- Compatible with SNMP V2c specification to suit a wide range of third party SNMP management systems
- A single DSE892 SNMP Gateway can be connected to multiple controllers
- Allows integration of the DSE controller into SNMP management systems. In addition to the state of the Generator and/or Mains Supply, this can include for example third party UPS, Fire Alarms and Security Systems
- Monitoring of controller state, operating mode and alarms
- Connection diagnostics and basic instrumentation via web browser
- Configuration file upload and download for easy set up
- Firmware upgradeable direct via USB memory stick or OTA (Over the Air) from DSE server

### 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 8 V. This is achieved without the need for internal batteries. LEDs and backlight will not be maintained during cranking.

#### MAXIMUM OPERATING CURRENT

200 mA at 12 V  
110 mA at 24 V

#### MAXIMUM STANDBY CURRENT

150 mA at 12 V  
90 mA at 24 V

#### COMMUNICATIONS

USB (Single DSE Controller)  
RS232 (Single DSE Controller)  
RS485 (Multiple DSE Controllers)  
Ethernet (Multiple DSE Controllers)  
Ethernet SNMP & SMTP

#### DIMENSIONS

##### OVERALL

85 mm x 149 mm x 51 mm  
3.3" x 5.8" x 2.0"

#### MOUNTING

DIN Rail  
Chassis Mounting

#### OPERATING TEMPERATURE RANGE

-30°C to +70°C

#### STORAGE TEMPERATURE RANGE

-40°C to +80°C

### RELATED MATERIALS

#### TITLE

DSE892 Installation Instructions  
DSE892 Operations Manual

#### PART NO'S

053-148  
057-179

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# DSE892 SNMP GATEWAY

DSE892 SNMP Gateway is used to connect a DSE module with an SNMP system to give monitoring and control functionality.

DSE892 SNMP Gateway communicates to the connected controller(s), monitoring the instrumentation and operating state. If this data changes, SNMP TRAP information is generated and sent to the SNMP Manager. Additionally emails can be configured to be set to one or two email addresses.

DSE892 SNMP Gateway also contains a protocol conversion function. This cannot be utilised at the same time as the SNMP function.

## COMPATIBLE DSE CONTROLLERS INCLUDE:

### AUTO START CONTROL MODULES

DSE4310	DSE6610
DSE4410	DSE7110
DSE4510	DSE7210
DSE4610	DSE7310
DSE6010	DSE7410
DSE6010 MKII	DSE8610
DSE6110	

### AUTO MAINS FAILURE CONTROL MODULES

DSE4320	DSE6120
DSE4420	DSE6620
DSE4520	DSE7120
DSE4620	DSE7220
DSE6020	DSE7320
DSE6020 MKII	

### LIGHTING TOWER CONTROL MODULES

DSEL400
DSEL401

## 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 +70oC 60067-2-2 Hot  
Test Ab to -30oC 60068-2-1 Cold

### 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 2011 part 2.1 60068-2-30  
Test Cb Ob Cyclic  
93% RH @ 40oC for 48 hours

### SHOCK

BS EN 60068-2-27  
Three shocks in each of three major axes  
15gn in 11ms

## COMPREHENSIVE FEATURE LIST TO SUIT A WIDE VARIETY OF APPLICATIONS

