

TRS Range: 24V dc Door Retainer Power Supply Units

Product Overview

The new Elmdene TRS range of power supplies has been specifically designed for access control applications that require remote control of the power supply output. A typical example being where a TRS power supply unit is used to power magnetic door retainers; utilising a signal from the fire panel in order to switch off the output to the doors in the event of a fire alarm activation.

The TRS PSU has a range of input options which includes the detection of a normally closed contact going open and also removal of a 24V dc signal to provide a fully fail safe operation mode (BS 7273 Compliant).

The three control input options for remote control of the output are as follows:

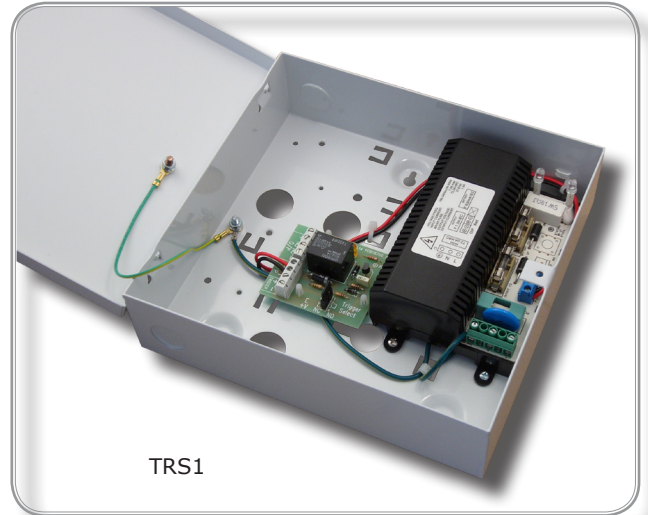
- Removal of an external 24V dc supply (BS 7273 Compliant)
- Opening of a normally closed volt-free contact
- Closing of a normally open volt-free contact

LED status indicators provide quick diagnostics showing the presence of a mains input and output fuse failure.

The products use energy efficient switch mode technology and have a universal mains supply input (90–264V ac).

Features

- Efficient switch mode operation
- Wide input voltage range
- Remote control of output
- Choice of control options
- LED indication (within enclosure)
- Mains transient protection
- Fail safe operation
- Screen printing available
- 3 year warranty



Part Numbers

Part no	Description
TRS1	24V dc @ 1.0A

Technical Information

Output	24V dc nominal
Load output	1.0 A
Mains supply	90-264V ac at 50-60Hz
Environment	-10 °C to 40 °C

Note: Not suitable for use with standby batteries

Product Dimensions and Weight

H x W x D: Enclosure 185mm x 200mm x 60mm

Weight: 1.2kg

Compliance

CE Marked
BS 7273 Compliant

