

TR Range: 24V dc Door Retainer Power Supply Units

Product Overview

The enhanced Elmdene TR 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 TR 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 units now have an expanded 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.

Features

- Remote control of output
- Choice of control options
- LED indication
- Mains transient protection
- Fail safe operation
- 3 year warranty

Compliance

CE Marked
BS 7273 Compliant



TR Power Supply Unit

Part Numbers

Part no	Description
TR2	2.0A
TR4	4.0A

Technical Information

Output	22 – 30V dc nominal
Load output	2.0A, 4.0 A*
Mains supply	230V at 50Hz
Environment	-10°C to 40°C

**Not suitable for use with standby batteries*

Product Dimensions and Weight

H x W x D: Enclosure 200mm x 230mm x 80mm

Weight: TR2 3kg, TR4 3.5kg

