

PSU Interface Relay

Product Overview

Elmdene's PSU Interface Relay provides the functionality to control the output of a power supply either by a volt-free contact or a dc voltage signal. Available in two versions (PSUIR-12 and PSUIR-24), it can be used in conjunction with any 12V dc or 24V dc PSU.

On application of the selected trigger input the relay is de-energised and the PSU output immediately disconnected from its load.

Note: This product is not suitable for mains switching.

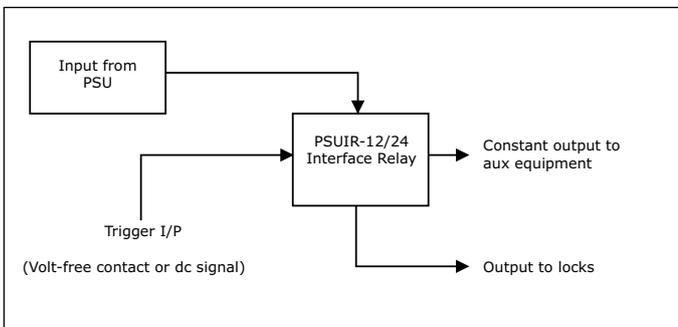


Fig 1: PSUIR - Typical System Design

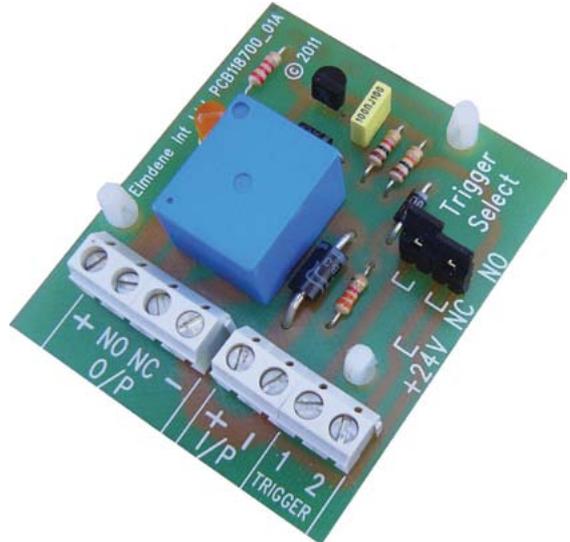
Applications

This product has been designed primarily to be used in applications where there is a requirement to remove power to access control systems (ie door locks) in the event of a fire alarm activation.

It can also be used in any system that requires a PSU output to be turned on/off in response to real-time events. Selection of triggering method is easily set by the on-board jumper links and the device also comes with self adhesive PCB supports for simple installation.

Features

- Available in 12V dc and 24V dc versions
- Multiple trigger options
- Standalone - easily installed within an existing PSU
- LED indication of relay status
- 3 year warranty



PSU Interface: PSUIR-12/24

Compliance
CE Marked

Part Numbers

Part no	Description
PSUIR-12	12V dc PSU Interface Relay
PSUIR-24	24V dc PSU Interface Relay

Technical Information

	PSUIR-12	PSUIR-24
I/P Supply Voltage (from PSU)	12V dc (nom)	24V dc (nom)
Current consumption (relay energised)	40mA at 12V dc	40mA at 24V dc
Current consumption (relay de-energised)	<1mA at 12V dc	<1mA at 24V dc
Maximum Switch Load (dc)	8A	8A

Product Dimensions and Weight

L x W x D: 60mm x 51mm x 23mm
Weight: 50g

