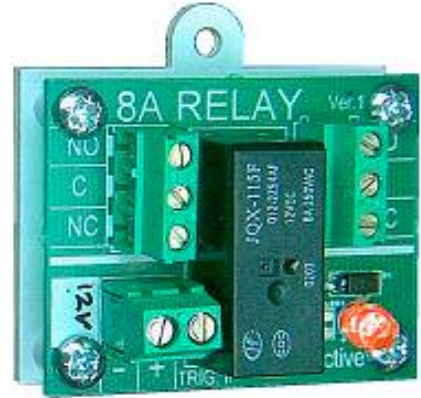


|             |  |
|-------------|--|
| Part Number | <b>EASY RELAY12/PCB</b><br>500/010                 |
| Description | Security System/Automotive Relay (12V coil)        |
| Reference   | Installation Guidelines – T2/ER12/install/08-10-05 |

### Overview

- The Easy-Relay 12 is intended for use in 12VDC applications such as security system interfacing.
- There is a built-in diode in series with the coil, which allows easy connection to bell circuits that use EOL resistors.
- The relay is of a compact power type. It has **two** sets of contacts, each capable of switching 8 amps.
- An LED is provided to visually indicate that the contacts are in the *active* position.

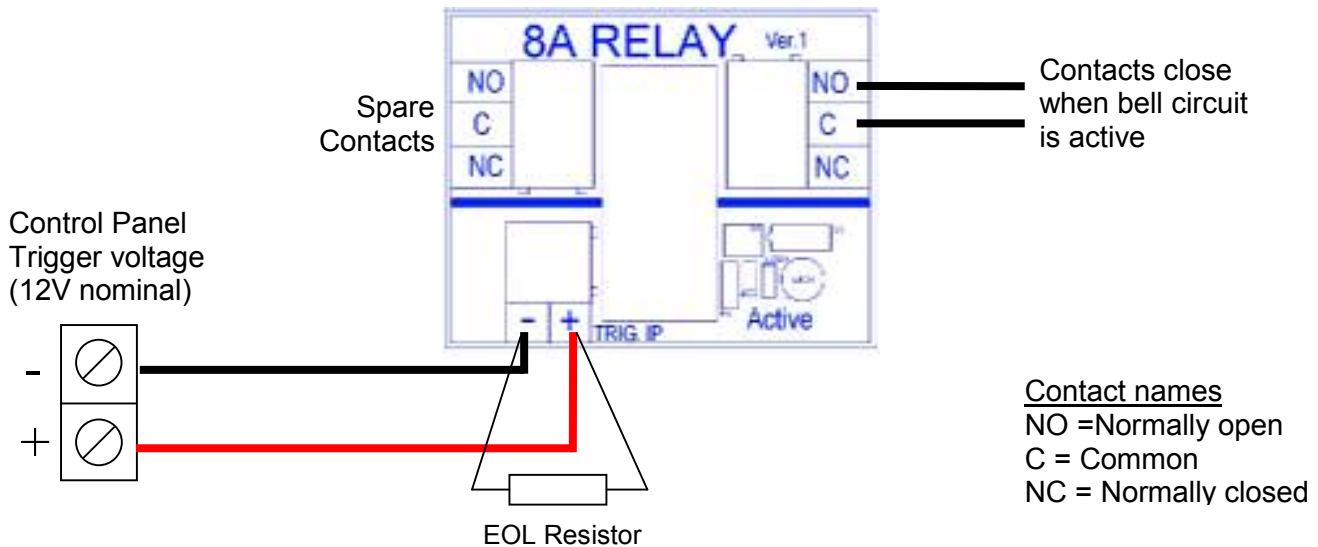


### General Installation

The Easy-Relay PCB is fixed by means of at least one single screw (supplied). It must be mounted securely within a suitable enclosure. If mains voltages are being switched ensure the latest IEEE electrical wiring practices are adhered to.

### PCB Connections

This application shows how to connect the relay to a security system bell circuit.



### Technical Support

Contact your supplier for general technical support on this product.

| Technical Data       |              |                        |  |
|----------------------|--------------|------------------------|--|
| Input Voltage Range: | 8 - 42V DC   | Output Contact Rating: | Double Pole – Change Over Contacts<br>230V AC 8A max, 2000VA |
| Temperature Range:   | -40 to +70°C | Contact Material:      | Silver Alloy   |
| Operational Current: | 33mA @ 12V   | Electrical Life:       | 100,000 operations at rated current                          |
| Coil Power:          | 0.4W         | Physical Dimensions:   | W.52mm x L.48mm x H.30mm                                     |
| Drop Out Voltage:    | 2V DC        |                        |  |