

ELMDENE

Protecting People & Property

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609.001.215 Multipurpose Relay

Use to switch a 24v 1A load from a low current 12v control panel or detector output
Warning: This unit is NOT suitable for switching 240V a.c. Mains loads

FEATURES

- 2 off volt free NO/NC changeover contacts
- Switch load up to 1A @ 24vDC or 0.5A at 125v a.c.
- Separate +12v low current (1mA) trigger input
- Reverse Connection protection
- Low current consumption 20mA on +12v supply
- Compact low profile design

SPECIFICATION

Maximum switched Load	1A @ 24Vd.c. 0.5A @ 125Va.c. (each contact)
Power Supply	12V d.c. @ 20mA maximum
Low current trigger input	12V d.c. @ 1mA maximum
Dimensions	72 x 26 x 20mm (L x W x H)

CONNECTIONS

+12V	+12v dc supply, reverse connection protected
TRIG+	+12v dc low current trigger, reverse connection protected
0V	0V supply

2 Terminals

NO	Switched Contact, Normally open - contact closed when relay is triggered
COM	Switch Contact, Common
NC	Switched Contact, Normally closed - contact open when relay is triggered

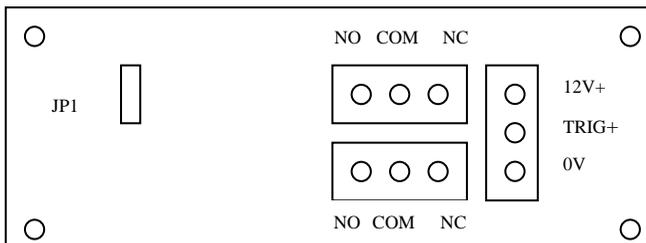
TRIGGER SELECTION

- JP1
- | | |
|---------|---|
| Link | = Normal Trigger Mode |
| | Relay switches when +12v supply is present |
| No link | = Low Current Trigger Mode |
| | Relay switches when +12v applied to TRIG+ input |
- (Note: +12v supply is required)

Factory Default = Normal Trigger Mode

TYPICAL APPLICATIONS

- Enable 12v powered detectors e.g. PIRs to switch 12/24 V loads e.g. strobes, sounders
- Open or close magnetic door contacts from a low current circuit e.g. control panel
- Fail safe mechanism to automatically release fire door magnetic door retainers when a power supply is lost.
- Switch multiple 12/24v SABs from a single panel bell output
- Switch 12/24v CCTV circuits from a 12v trigger e.g. PIR detector, contact switch
- Trigger a surveillance monitoring system e.g. Redcare from an Intruder/Fire control panel output

**MAINTENANCE****Maintenance**

This unit is intended for use by Service Personnel only. There are NO USER SERVICEABLE parts inside.

There is no regular maintenance required other than periodic testing.

*The packaging supplied with this product may be recycled.
Please dispose of packaging accordingly.*