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## Multipurpose Relay MPR002

Use to switch a 24V 1A load from a low current 24V control panel or detector output

- 2 off volt free NO/NC changeover contacts
- Switch load up to 1A @ 24Vdc or 0.5A at 125Vac.
- Separate low current (2.5mA) trigger input
- Reverse Connection protection
- Low current consumption 11mA on +24V supply
- Compact low profile design

Maximum switched Load	1A @ 24V d.c. 0.5A @ 125Va.c. (each contact)
Power Supply	24V d.c. @ 13mA maximum
Low current trigger input	>2.0vdc @ 2.5mA maximum (@24vdc)
Dimensions	72 x 26 x 20mm (L x W x H)

### Connections

+24V	+24Vdc supply, reverse connection protected
TRIG+	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 +24V supply is present
	No link = Low Current Trigger Mode - Relay switches when >2.0v applied to TRIG+ input (Note +24V supply is required)

Factory Default = Normal Trigger Mode

### Setup

- 1) Connect dc supply lines (+24v and 0V)
- 2) Set JP1 for desired trigger operation
- 3) Mount Multipurpose Relay using self-adhesive mounting stands supplied.

### Typical Applications

- Enable 24v powered detectors to switch 12/24 V loads
- Fail safe mechanism to automatically release fire door magnetic door retainers when a power supply is lost.
- Switch multiple 12/24v Devices from a single output from a control panel
- Switch 12/24v CCTV circuits from a 24V trigger e.g. PIR detector, contact switch

**Warning: This unit is NOT suitable for switching 240V a.c. Mains loads**

