

# MR-810 SERIES 10 AMP FUSED RELAYS

## PRODUCT DESCRIPTION

The MR-810 Series Relays provide SPDT, 10 Amp contacts which are operated from either a 24 V.D.C. or 24 V.A.C. control input.

The common relay output contains a 10 Amp fuse which protects the contacts and load from over current.

Each relay position contains a red L.E.D. which, when illuminated, indicates the relay coil is energized.

Individual relays may be "snapped apart" from a standard 8-position module.

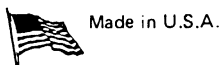
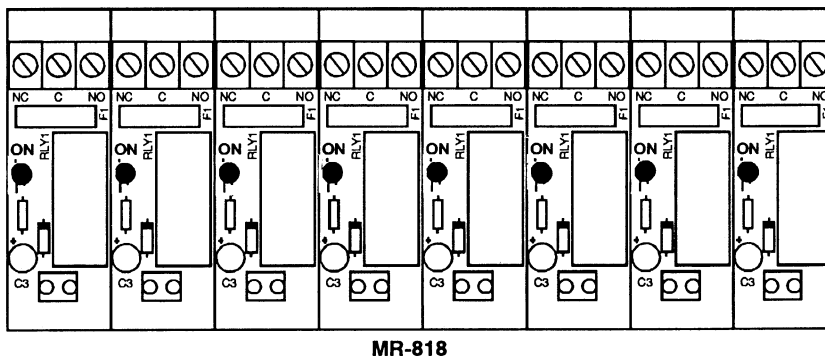
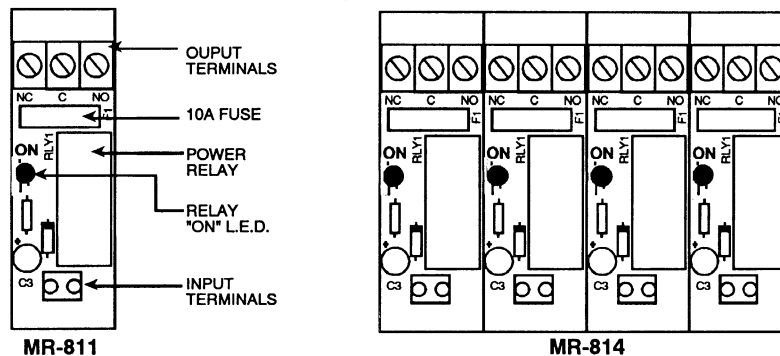
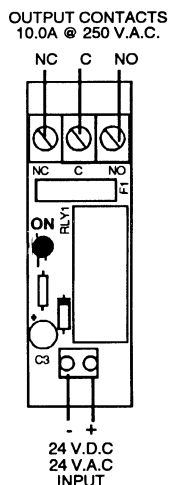
Relays are equipped with track mounting hardware or swage type spacers.

These devices are ideal for applications where control of 10 Amp electrical loads is required. They are suitable for use in H.V.A.C., Temperature Control, Fire Alarm, Security, Energy Management and Lighting Control Systems.

## MODEL NUMBERS

- MR-811/S Single SPDT relay with L.E.D., fused output and mounting spacers
- MR-811/T Single SPDT relay with L.E.D., fused output and track mounting hardware
- MR-814/S 4-position SPDT relay with L.E.D., fused output and mounting spacers
- MR-814/T 4-position SPDT relay with L.E.D., fused output and track mounting hardware
- MR-818/S 8-position SPDT relay with L.E.D., fused output and mounting spacers
- MR-818/T 8-position SPDT relay with L.E.D., fused output and track mounting hardware

## INSTALLATION WIRING



## PRODUCT SPECIFICATIONS

**Power Requirements:** Per position - 0.030A @ 24 V.D.C., 24 V.A.C.

**Relay:** U.L. Recognized File No. E41643  
CSA Approved File No. LR 31928  
Omron-G2R-1-S-DC 24

**Contact Rating:** 10A @ 250 V.A.C.

**Ambient Temperature:** -50°C To 85°C

**Approvals:** U.L. Recognized Components

**Dimensions:**

MR-811	- 3.25" (82.6mm) H
	1.062" (27mm) W
	1.75" (44.6mm) D
MR-814	- 3.25" (82.6mm) H
	4.25" (108mm) W
	1.75" (44.6 mm) D
MR-818	- 3.25" (82.6mm) H
	8.5" (216mm) W
	1.75" (44.6mm) D

# MR-820 SERIES DUAL RELAYS

## PRODUCT DESCRIPTION

The MR-820 Series Relays provide SPDT contacts which operate from a 24 V.D.C. input. Each relay position contains two independent U.L. recognized relays and a red L.E.D. which indicates a relay energized condition.

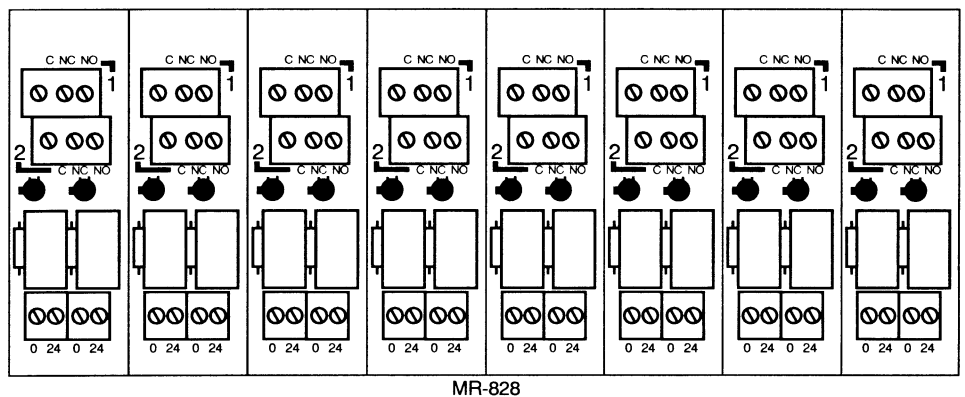
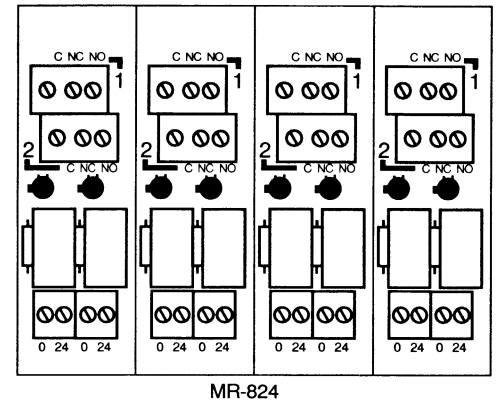
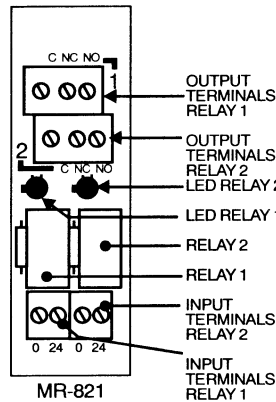
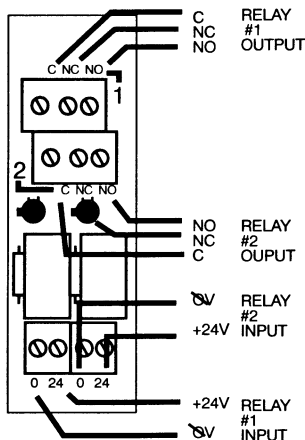
The MR-828 is an 8 position or 16 relay standard module. Individual sections which contain 2 relays may be "snapped apart" in any increments, up to 8.

Relays are equipped with either mounting spacers or track mounting hardware. These devices are ideal for applications where high density relay switching is required. They are suitable for use with H.V.A.C, Fire Alarm Security and Energy Management systems.

## MODEL NUMBERS

- MR-821/S Dual SPDT relay with L.E.D.'s and mounting spacers
- MR-821/T Dual SPDT relay with L.E.D.'s and track mounting hardware
- MR-824/S 4 position dual SPDT relay with L.E.D.'s and mounting spacers
- MR-824/T 4 position dual SPDT relay with L.E.D.'s and track mounting hardware
- MR-828/S 8 position dual SPDT relay with L.E.D.'s and mounting spacers
- MR-828/T 8 position dual SPDT relay with L.E.D.'s and track mounting hardware

## INSTALLATION WIRING



Made in U.S.A.

— UL Recognized Components

## PRODUCT SPECIFICATIONS

- Power Requirements:** Per relay (2 per position)  
0.017 Amps @ 24 V.D.C
- Relay:** U.L. Recognized SPDT
- Contact Rating:** 0.4A @ 125 V.A.C.  
1A @ 30 V.D.C.
- Ambient Temperature:** -40C° to 70°C
- Approvals:** U.L. Recognized Components
- Dimensions:**
  - MR-821: 3.25" (82.6mm) H x 1.062" (27mm) W x 1.5" (38.1mm) D
  - MR-824: 3.25" (82.6mm) H x 4.25" (108mm) W x 1.5" (38.1mm) D
  - MR-828: 3.25" (82.6mm) H x 8.5" (216mm) W x 1.5" (38.1mm) D