

**NO
EXCUSES!**

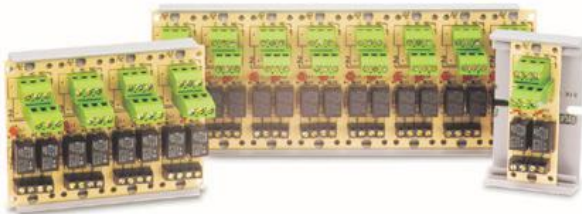


MR-820 Series Relays

The MR-820 Series Relays provide SPDT contacts which operate from a 24VDC input. Each relay position contains two independent UL recognized relays and a red LED which indicates a relay energized condition.

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

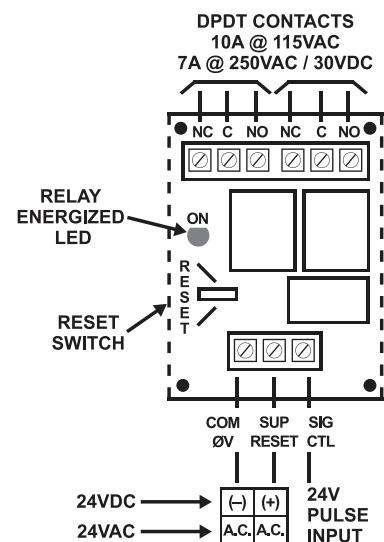
Relays are equipped with either mounting spacers or track mounting hardware. These devices are Ideal for applications where high density relay switching is required. They are suitable for use with HVAC, fire alarm security and energy management systems.



Standard Features:

- Each relay contains two high intensity red LED indicating energized coil status
- Relay modules may be "snapped apart" from a standard 8 position master
- /S versions supplied with spacers for installation on standard back panels
- /T versions include track mounting hardware to facilitate installation in standard cabinets

WIRING (TYPICAL FOR ONE MODULE POSITION)



UL® - Uses UL Recognized Components

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PRODUCT SPECIFICATIONS

| MODEL NUMBER | MODULE POSITIONS | CONTACT CONFIGURATION PER POSITION | SPACER MOUNTED H x W x D | TRACK MOUNTED H x W x D | ENCLOSURE MOUNTED H x W x D | COVER MATERIAL |
|--------------|------------------|------------------------------------|---|---|--------------------------------|------------------------------|
| MR-821/S | 1 | SPDT | 3.25" (83mm) 1.06" (27mm) 1.76" (45mm) | | | |
| MR-821/T | | | | 3.45" (88mm) 2.00" (51mm) 1.83" (46mm) | | |
| MR-821/C | | | | | 5.13" (130mm) 3.13" (79mm) | Grey ABS 94V-O Plastic |
| MR-821/C/R | | | | | 2.50" (64mm) | Red ABS 94V-O Plastic |
| MR-824/S | 4 | SPDT | 3.25" (83mm) 4.25" (108mm) 1.76" (45mm) | | | |
| MR-824/T | | | | 3.45" (88mm) 4.25" (108mm) 1.83" (46mm) | | |
| MR-824/C | | | | | 5.13" (130mm) 9.50" (241mm) | Plated 18ga CRS |
| MR-824/C/R | | | | | 2.50" (64mm) | Red 18ga CRS |
| MR-828/S | 8 | SPDT | 3.25" (83mm) 8.50" (215mm) 1.76" (45mm) | | | |
| MR-828/T | | | | 3.45" (88mm) 8.50" (215mm) 1.83" (46mm) | | |
| MR-828/C | | | | | 5.13" (130mm) 9.50" (241mm) | Plated 18ga CRS |
| MR-828/C/R | | | | | 2.50" (64mm) | Red 18ga CRS |

POWER REQUIREMENTS: Per position: 24VDC @ 17mA

COIL DATA: 24VDC nominal; Pick-up = 19.2VDC; Drop-out = 3.6VDC; Max. = 26.4VDC

COMPONENTS: Utilizes UL Recognized Components

POLARIZED: Yes

ENERGIZED LED INDICATOR: One per module position

CONTACT RATINGS: Resistive load: 40mA @ 115VAC / 2A @ 30VDC

Inductive load: 20mA @ 115VAC / 1A @ 30VDC

ENVIRONMENTAL: 32°F to 120°F (0°C to 49°C) @ 85% RH, Non-condensing, Non-freezing

WIRING: Solid or stranded; #14 to #22 AWG terminals

/S VERSIONS: Aluminum spacers provided with #8 X 7/8" screws

/T VERSIONS: 3.5" wide, low profile plastic snap track provided with mounting screws

/C VERSIONS: Backbox: 18ga CRS, plated with 1/2" conduit knockouts top and bottom



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Rev.C

2/2