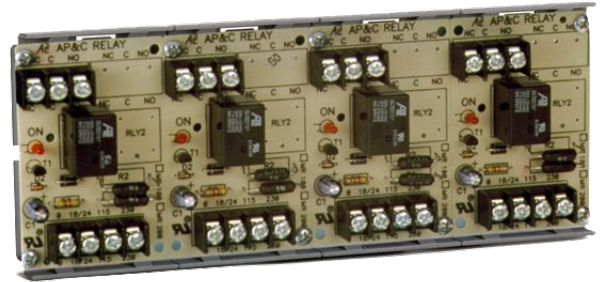


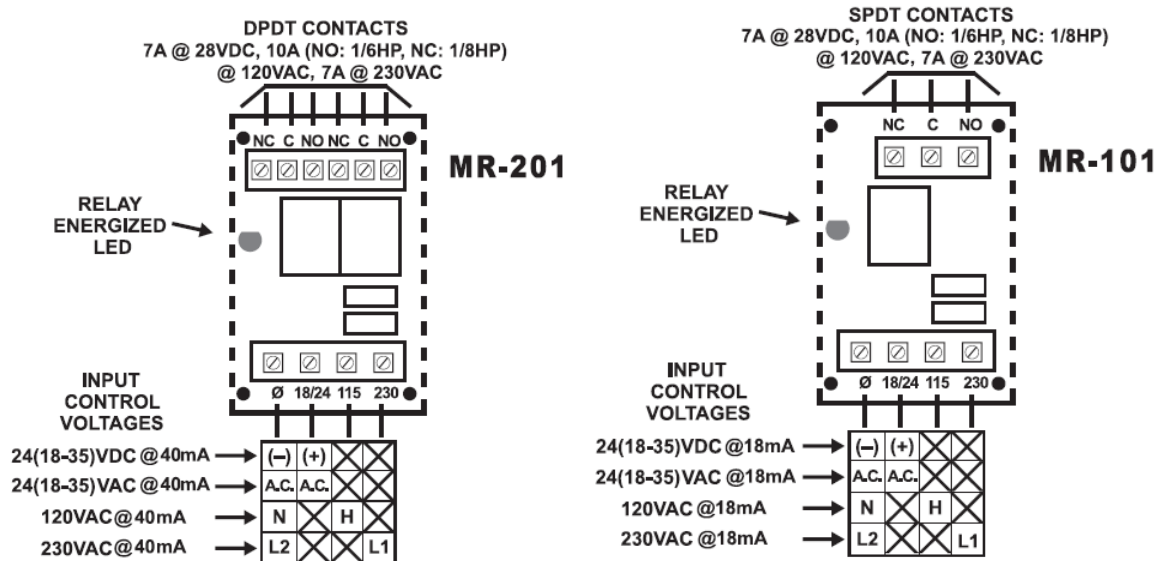
Description

The MR Series Multi-voltage Control Relays offer SPDT or DPDT 10 Amp resistive contacts which may be operated by one of four input control voltages. A single relay may be energized from a voltage source of 24VDC, 24VAC, 120VAC or 230VAC by wiring to appropriate input terminals. Each relay position contains a red LED which indicates the relay coil is energized. Relays may be “snapped apart” from a standard 4 module assembly and used independently. These Devices are Ideal for applications where local contacts are required for system status, remote contacts for control of electrical loads and general-purpose switching. They are suitable for use with HVAC, Temperature Control, Fire Alarm, Security, Energy Management and Lighting Control Systems



Features

- Relays may be energized from a voltage source of 18 to 35VDC or VAC, 120VAC or 230VAC
- Each relay position contains a red LED, which illuminates when the coil is energized. This provides a time saving device when checking an installed system – no metering is required
- Single, dual or triple relay modules may be “snapped apart” from standard 4-position master
- DC control inputs are polarized
- For continuous duty use at 24VAC, 24VDC or 120VAC (NOTE: Not intended for continuous duty use @ 230VAC)
- Available in dust resistant enclosures with LED viewing port(s)
- /C versions mounted in enclosures
- /C/R versions with red covers for NYC and other uses
- /T versions come complete with track mounting hardware which facilitates installation in standard cabinets
- UL recognized relays rated at 10,000,000 mechanical operations
- UL listed as Control Unit Accessory



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Represented by:



Multi-Voltage Control Relay

Series MR-100, MR-200

Module

Ordering Information and Product Specification

| Model | Module Position | Contact Configuration Per Position | Track Mounted H x W x D | Enclosure Mounted H x W x D | Cover Material |
|------------|-----------------|------------------------------------|---|---|-------------------------|
| MR-101/T | 1 | SPDT | 3.25" (82mm) x 2.125" (54mm) x 1.50" (38mm) | | |
| MR-101/C | 1 | SPDT | | 5.125" (130mm) x 3.125" (79mm) x 2.50" (63mm) | Grey ABS – 94VO Plastic |
| MR-101/C/R | 1 | SPDT | | | Red ABS – 94VO Plastic |
| MR-104/T | 4 | SPDT | 3.25" (82mm) x 8.50" (215mm) x 1.50" (38mm) | | |
| MR-104/C | 4 | SPDT | | 5.125" (130mm) x 9.5" (241mm) x 2.50" (63mm) | Grey ABS – 94VO Plastic |
| MR-104/C/R | 4 | SPDT | | | Red ABS – 94VO Plastic |

| | | | | | |
|------------|---|------|---|---|-------------------------|
| MR-201/T | 1 | DPDT | 3.25" (82mm) x 2.125" (54mm) x 1.50" (38mm) | | |
| MR-201/C | 1 | DPDT | | 5.125" (130mm) x 3.125" (79mm) x 2.50" (63mm) | Grey ABS – 94VO Plastic |
| MR-201/C/R | 1 | DPDT | | | Red ABS – 94VO Plastic |
| MR-204/T | 4 | DPDT | 3.25" (82mm) x 8.50" (215mm) x 1.50" (38mm) | | |
| MR-204/C | 4 | DPDT | | 5.125" (130mm) x 9.5" (241mm) x 2.50" (63mm) | Grey ABS – 94VO Plastic |
| MR-204/C/R | 4 | DPDT | | | Red ABS – 94VO Plastic |

| | |
|-------------------------|---|
| Coil Voltage | MR-100: 24(18-35) VDC, 24(18-35) VAC, 120VAC, 230VAC MR-200: 24(18-35) VDC, 24VAC, 120VAC, 230VAC (Pull in voltage: 75% of nominal max. @ 25°C; Drop out voltage: 25% of nominal min. @ 25°C) |
| Polarized | DC input only |
| Energized LED Indicator | One per module position |
| Current Requirement | Per module position: MR-100 Series = 18mA / MR-200 Series = 40mA |
| Contact Ratings | 7A @ 28VDC / 10A (NO:1/6HP, NC:1/8HP) @ 120VAC / 7A @ 230VAC |
| Contact Construction | Dry Form "C" |
| Environmental | 32°F to 120°F (0°C to 49°C) @ 85% RH (@ 32°F), Non-condensing, Non-freezing |
| Wiring | Solid or stranded; #14 to #22 AWG terminals |
| /T Version | 3.5" wide, low profile plastic snap track provided with mounting screws |
| /C Version | Backbox: 18ga CRS, plated with 1/2" conduit knockouts top and bottom |

Listing

UL/ULC, CSFM, MEA

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