

MR-820 SERIES

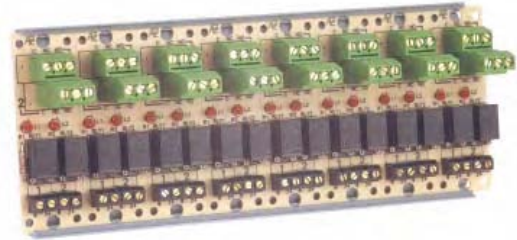
DUAL RELAYS

PRODUCT DESCRIPTION

The MR-820 Series Relays provide SPDT contacts which are operated from a 24VDC control input. The input voltages are polarity sensitive and diode protected. Each relay position contains dual independent relays and dual independent red LED's which indicate when the associated relay coil is energized.

Relays may be “snapped apart” from a standard 8 module assembly and used independently. Relays are available with snap track and mounting hardware or swage type spacers. A single MR-821, MR-822, MR-824 or MR-828 is also available mounted in a sturdy NEMA 1 enclosure.

These devices are ideal for applications where high density relay switching is required. They are suitable for use with HVAC, Temperature Control, Fire Alarm, Security, Energy Management and Lighting Control Systems.

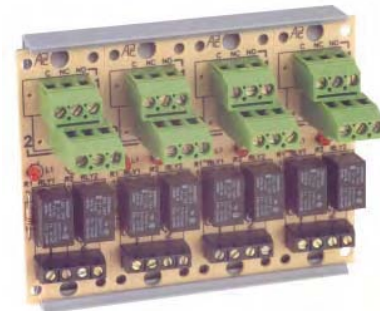


MR-828/T



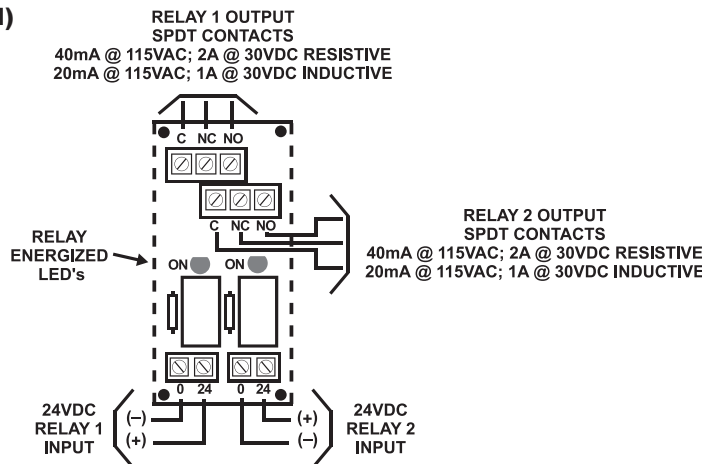
MR-821/T

RECOGNIZED COMPONENTS



MR-824/T

WIRING (TYPICAL FOR ONE MODULE POSITION)



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-822/S	2	SPDT	3.25" (83mm) 2.12" (54mm) 1.76" (45mm)				
MR-822/T				3.45" (88mm) 2.13" (54mm) 1.83" (46mm)			
MR-822/C						5.13" (130mm) 3.13" (79mm)	Grey ABS 94V-O Plastic
MR-822/C						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