



# MR-400 Series Relays

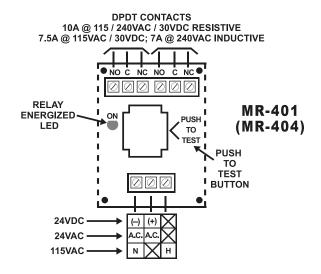
The MR-400 Series Relays provide DPDT 10 Amp contacts which are operated from either a 24VDC, 24VAC, or 115VAC control input. Each relay is equipped with a "Test Button" which enables the contacts to transfer manually.

Each relay contains a high intensity LED which when illuminated indicates the relay coil is energized. This provides a time saving convenience when checking an installed system, no metering is required. Track mounting hardware included on /T versions for easy installation in standard boxes.

These devices are well suited for applications such as fire alarm and security systems, HVAC, energy management, temperature control and lighting systems.

## **Standard Features:**

- Relay contains a high intensity red LED indicating energized coil status
- Single, dual, or triple relay modules may be "snapped apart" from a standard 4 position master
- /C and /C/R versions available in dust proof metal enclosures with LED viewing port(s)
- /T versions include track mounting hardware to facilitate installation in standard cabinets
- UL recognized relays rated at 10,000,000mechanical operations
- Manual contact test button to verify switching without energizing the coil









- Uses UL Recognized Components

ISO 9001 REGISTERED COMPANY



Space Age Electronics, inc. www.1SAE.com **800.486.1723** Toll Free 508.485.0966 Local 508.485.4740 Fax

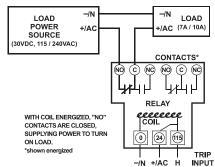


### **PRODUCT SPECIFICATIONS**

	MODEL NUMBER	MODULE POSITIONS	CONTACT CONFIGURATION PER POSITION	TRACK MOUNTED H x W x D	ENCLOSURE MOUNTED H x W x D	COVER MATERIAL	
SSU-	MR-401/T			3.40" (87mm) 2.13" (54mm) 1.94" (49mm)			
SSU-	MR-401/C	1	DPDT		5.13" (130mm) 3.13" (79mm)	Grey ABS 94V-O Plastic	
SSU-	MR-401/C/R				2.50" (64mm)	Red ABS 94V-O Plastic	
SSU-	MR-404/T			3.40" (87mm) 8.50" (215mm) 1.94" (49mm)			
SSU-	MR-404/C	4	DPDT		5.13" (130mm) 9.50" (241mm) 2.50" (64mm)	Plated 18ga CRS	
	MR-404/C/R				2.50 (64mm)	Red 18ga CRS	
	POWER REC (per position)	QUIREMENTS:	24VDC @ 31mA 24VAC @ 28mA 115VDC @ 34mA				
	COIL DATA:		24VDC/VAC, 115VAC Pull in voltage = 80% of rated voltage Drop-out voltage (AC) = 30% of rated voltage Drop-out voltage (DC) = 10% of rated voltage Max. voltage = 110% of rated voltage				
	COMPONEN	TS:	Uses UL Recognized Components				
	POLARIZED:		No				
	ENERGIZED CONTACT R		R: One per module position	One per module position Resistive load: 10A @ 115VAC / 240VAC / 30VDC			
	CONTACT R	ATINGS:	_	Inductive load: 7.5A @ 115VAC / 30VDC; 7A @ 240VAC			
	ENVIRONME	NTAL:	32°F to 120°F (0°C to 49°C) @ 85% RH, Non-condensing, Non-freezing				
	WIRING:		<u> </u>	Solid or stranded; #12 to #22 AWG terminals			
	MANUAL TES		One per module position	1			
	/T VERSION:			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						

#### **APPLICATION EXAMPLES**





#### LOAD IS "ON" WHEN RELAY IS NON-ENERGIZED! LOAD LOAD POWER SOURCE F/AC (7A / 10A) (30VDC, 115 / 240VAC) CONTACTS\* NC NO C NC RELAY COIL WITH COIL ENERGIZED, "NC" CONTACTS ARE HELD OPEN, INTERRUPTING POWER TO 24 (115) 0 TURN OFF LOAD. TRIP

### GATORGATE

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