

## MR-820 SERIES DUAL RELAY INSTALLATION GUIDE

PRODUCT SPECIFI	CATIONS	j
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24VDC @ 17mA per module position	
Yes	
One red LED per module position	
Resistive load: 40mA @ 120 VAC / 2A @ 30VDC	
Inductive load: 20mA @ 120VAC / 1A @ 30VDC	
Dual Dry form "C" SPDT per module position	
AMBIENT TEMPERATURE: 32°F to 120°F (0°C to 49°C) @ 85% RH (@ 32°C) Non-Condensing / Non-Freezing	
Solid or stranded: #12 to #22 AWG terminals	
3.5" wide, low profile snap track provided with mounting screws	
"/S" VERSIONS: Aluminum spacers provided with #8 X 7/8" self tapping sheet metal screws	
Backbox: 18ga CRS, plated with ½" conduit knockouts top and bottom	
Cover Material: MR-821, MR-822: plastic ABS 94V-O ("/C" Grey, "/C/R" Red)	
MR-824, MR-828: CRS 18ga ("/C" Grey, "/C/R" Red)	
Utilizes UL Recognized Components	



CAUTION: DE-ENERGIZE ALL POWER BEFORE INSTALLATION OR SERVICE

<u>WIRING</u>

## **APPLICATION EXAMPLE**

(TYPICAL FOR ONE MODULE POSITION) **RELAY 1 OUTPUT** ) SPDT CONTACTS RESISTIVE: 40mA @ 120VAC; 2A @ 30VDC INDUCTIVE: 20mA @ 120VAC; 1A @ 30VDC WHEN RELAY COIL ENERGIZES, "NO" CONTACTS ARE SWITCHED TO CLOSED POSITION, SUPPLYING POWER TO TURN ON LOAD LOAD 40mA / 2A RES NC NO 0001 a RELAY 2 OUTPUT SPDT CONTACTS 20mA / 1A IND. 2 000 24 RELAY -/N +/AC +/AC RESISTIVE: 40mA @ 120VAC; 2A @ 30VDC NC NO **ENERGIZED**  $\bigcirc_{0\overline{N}}$  $\bigcirc_{\mathsf{ON}}$ LOAD POWER SOURCE 120VAC / 30VDC INDUCTIVE: 20mA @ 120VAC; 1A @ 30VDC LED'S 00 2 24 (RELAY 1 SHOWN TYPICAL) Ø ØØ 24 00 24VDC RELAY **POWER** (-) (+) SUPPLY (-) (+) 24VDC 24VDC @ 17mA RELAY 1 @ 17mA RELAY 2

FOR ADDITIONAL APPLICATION INFORMATION AND/OR ASSISTANCE, PLEASE CONTACT OUR TECHNICAL SUPPORT HOTLINE. (888) 332-2241

INPUT

INPUT

**UTILIZES UL RECOGNIZED COMPONENTS** 

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