GATOR RELAYS
BY SPACE AGE ELECTRONICS
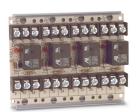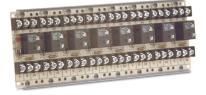
PRODUCT DESCRIPTION

The MR-700 Series Relays offer SPDT 10 Amp contacts which may be operated by either 12VDC or 24VDC input control voltages.

Each relay position contains a red LED, which indicates the relay coil is energized. Relays may be "snapped apart" from standard 2, 4, or 8 position modules, and are also available in the single position configuration. Relays are available with track mounting hardware or are mounted in enclosures.

These devices are ideal for applications where local contacts are required for control of electrical loads for control of electrical loads or for general pur-pose switching. They are suitable for use with HVAC, Temperature Control, Fire Alarm, Security, Energy Management, and Lighting Control Systems.
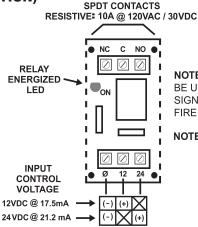
FEATURES

❖ Relays may be energized from a voltage source of 12VDC or 24VDC
❖ Each relay position contains a red LED, which illuminates when the coil is energized, providing 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 2, 4 and 8 position masters
❖ DC coil inputs are polarized
❖ "/T" versions UL Recognized Component, "/C" and "/C/R" versions UL listed

❖ Available in dust resistant enclosures with LED viewing port(s)
❖ "/C" and "/C/R" 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
❖ "/T" versions are configured for an available optional MR Series Snap Track (SSU-MR-8INTK)

WIRING
(TYPICAL FOR ONE MODULE POSITION)

SPDT CONTACTS
RESISTIVE: 10A @ 120VAC / 30VDC

NC   C   NO

RELAY ENERGIZED LED

ON

NOTE: INPUT POWER SUPPLY SHOULD BE UL LISTED FOR FIRE PROTECTION SIGNALING SYSTEMS WHEN USED IN FIRE ALARM APPLICATIONS

NOTE: DC COIL INPUTS ARE POLARIZED

INPUT CONTROL VOLTAGE

Ø   12   24

12VDC @ 17.5mA → (−) (+)
24VDC @ 21.2 mA → (−) (+)

UL US LISTED

RECOGNIZED COMPONENT

CSFM LISTED

MEA ACCEPTED

UUKL Smoke Control

PRODUCT SPECIFICATIONS

MODEL NUMBERS:	MODULE POSI-TIONS	CONTACT CONFIGURATION PER POSITION	TRACK MOUNTED H x W x D	ENCLOSURE MOUNTED H x W x D	COVER MATERIAL	UL* FILE S3403	MEA FILE 73-92-E	CSFM FILE 7300-1004
SSU-MR-701/T	1	SPDT	3.50" (89mm) 2.00" (51mm) 1.375" (35mm)			UOXX2		
SSU-MR-701/C	1	SPDT		5.125" (131mm) 3.125" (80mm) 2.50" (64mm)	Grey ABS 94V-O Plastic	UOXX		:110
SSU-MR-701/C/R	1	SPDT			Red ABS 94V-O Plastic	UOXX2 UUKL	Vol. 29	
SSU-MR-702/T	2	SPDT	3.50" (89mm) 2.125" (54mm) 1.375" (35mm)			UOXX2		
SSU-MR-702/C	2	SPDT		5.125" (131mm) 3.125" (80mm) 2.50" (64mm)	Grey ABS 94V-O Plastic	UOXX		:110
SSU-MR-702/C/R	2	SPDT			Red ABS 94V-O Plastic	UOXX2 UUKL	Vol. 29	
SSU-MR-704/T	4	SPDT	3.50" (89mm) 4.25" (108mm) 1.375" (35mm)			UOXX2		
SSU-MR-704/C	4	SPDT		5.125" (131mm) 9.50" (242mm) 2.50" (64mm)	Plated 18ga CRS	UOXX		:110
SSU-MR-704/C/R	4	SPDT			Red 18ga CRS	UOXX2 UUKL	Vol. 29	
SSU-MR-708/T	8	SPDT	3.50" (89mm) 8.50" (215mm) 1.375" (35mm)			UOXX2		
SSU-MR-708/C	8	SPDT		5.125" (131mm) 9.50" (242mm) 2.50" (64mm)	Plated 18ga CRS	UOXX		:110
SSU-MR-708/C/R	8	SPDT			Red 18ga CRS	UOXX2 UUKL	Vol. 29	

POWER REQUIREMENTS:	Per Position: 12VDC @ 17.5mA or 24VDC @ 21.2mA
POLARIZED COIL INPUT(S):	DC inputs only
ENERGIZED LED INDICATOR:	One red LED per module position
CONTACT RATINGS:	Resistive load: 10A @ 120VAC / 30VDC
CONTACT CONSTRUCTION:	One dry form "C" SPDT per module position
AMBIENT TEMPERATURE:	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 VERSIONS:	3.5" wide, low profile plastic snap track provided with mounting screws
/C VERSIONS:	Back Box: 18ga CRS, plated with 1/2" conduit knockouts top and bottom

UOXX (UL864)=Control Unit Accessories, System; 2=Component, UUKL (UL864) = Smoke Control System Equipment System

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