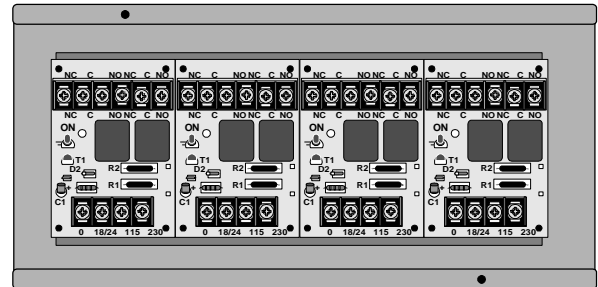


UL Listed
(Air Products)

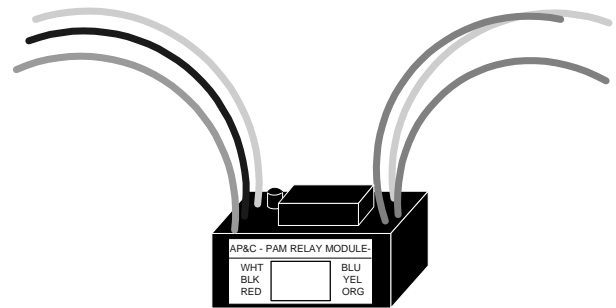
Miscellaneous Devices, Control Relays
Track Mounted/Encapsulated
4098-9843 and 2088 Series

FEATURES

- **UL listed as control unit accessory**
- **Track mount package availability:**
 - Single or four relay module, with or without enclosure, with SPDT or DPDT contacts
 - LED indicates relay coil status
 - Enclosures provide status LED viewing ports
 - Multiple coil voltage inputs, diode polarized
 - Modules are track mounted with “Snap-Apart” feature design
- **Single encapsulated SPDT relay package with color coded #18 AWG wire leads, available in two versions:**
 - **2088-9021** Provides diode polarized multiple input voltage ability and LED indication
 - **4098-9843** Provides a diode polarized 24 VDC coil with In/Out wiring



Model 2088-9020, Four DPDT Relay Package with Enclosure (shown with cover removed)



Encapsulated Relay Package (typical of 2088-9021 and 4098-9843)

SPECIFICATIONS (refer to page 2 for dimensions)

Track Mount Relays		
Contact Ratings	10 A @ 115 VAC, resistive	
Coil Voltage	18-35 VAC/VDC, 115, or 230 VAC	
Coil Current	<ul style="list-style-type: none"> • SPDT models = 15 mA • DPDT models = 35 mA 	
Terminal Block Ratings	up to # 14 AWG	
Encapsulated Relays		
Connections	# 18 AWG color-coded wire leads	
2088-9021		
Contact Ratings	10 A @ 115 VAC, resistive	
Coil Ratings	Voltage	18-35 VAC/VDC, 115, or 230 VAC
	Current	15 mA @ 24 VAC/VDC, 115, or 230 VAC
4098-9843		
Coil Ratings	18-35 VDC input, 15 mA @ 24 VDC	
Contact Ratings	<ul style="list-style-type: none"> • 10 A @ 115 VAC • 7 A @ 28 VDC • 250 μA @ 5 VDC 	
General Specifications (all models)		
Temperature Range	-58° F to 185° F (-50° C to 85° C)	

DESCRIPTION

These multi-purpose control relays offer SPDT or DPDT, 10 Amp contacts in a variety of mechanical packages. Models are available for coil operation by one of four input voltages allowing a single relay to be energized from a voltage source of 18-35 VDC or VAC, 115 VAC, or 230 VAC (not available with 4098-9843). Voltage selection is made by wiring to the appropriate input terminals.

Each relay model (except model 4098-9843) contains a red LED which indicates that the relay coil is energized.

Mounting options are varied for application flexibility. Track mounted relays may be “snapped apart” from a standard four-module assembly and used independently if desired.

RELAY SELECTION CHART

Product ID	Model	Relay Type	Relay Quantity	Packaging	Dimensions
2088-9007	MR-101/T	SPDT	Single	Track mount, without enclosure	3" H x 2 1/8" W x 1 1/2" D (76 mm x 54 mm x 38 mm)
2088-9009	MR-201/T	DPDT			
2088-9008	MR-101/C	SPDT		Track mount with enclosure	6 1/8" H x 3 1/4" W x 2 1/2" D (156 mm x 83 mm x 64 mm)
2088-9010	MR-201/C	DPDT			
2088-9017	MR-104/T	SPDT	Four	Track mount, without enclosure	3" H x 8 1/2" W x 1 1/2" D (76 mm x 216 mm x 38 mm)
2088-9019	MR-204/T	DPDT			
2088-9018	MR-104/C	SPDT		Track mount with enclosure	6 1/8" H x 9 1/2" W x 2 1/2" D (156 mm x 241 mm x 64 mm)
2088-9020	MR-204/C	DPDT			
2088-9021	PAM-1	SPDT	Single	Encapsulated, multi-voltage coil, color coded #18 AWG wire leads, with coil status LED	1 1/2" H x 1" W x 7/8" D (38 mm x 25.4 mm x 22 mm)
4098-9843	PAM-SD			Encapsulated, 24 VDC coil, color coded #18 AWG wire leads (no LED)	1 1/2" H x 1 3/16" W x 13/16" D (38 mm x 30 mm x 21 mm)

TRACK MOUNT RELAY WIRING REFERENCE

