

PAM SERIES

MULTI-VOLTAGE RELAY MODULES

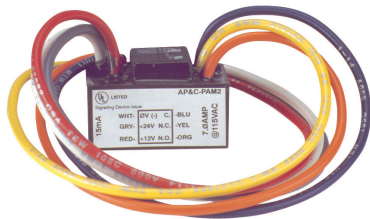
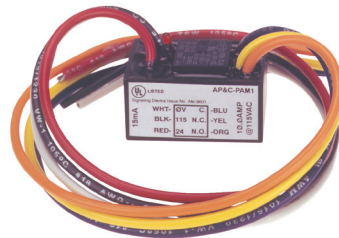
The PAM Series Relays are encapsulated multi-voltage devices with “flying” leads that offer versatile, reliable performance in a convenient package. Several of the versions contain a red LED which indicates when the relay coil is energized. The PAM Series Relays are packaged with a self-tapping screw and a piece of double sided tape for easy installation almost anywhere. The relays are also packaged with wire-nuts to aid installation.

PAM Relays are ideal for applications where remote relays are required for control or status feedback. They are suitable for use with HVAC, Temperature Control, Fire Alarm, Security, Energy Management, Lighting Control Systems and Building Automation Systems.

PRODUCT DESCRIPTION

SSU-PAM-1

The SSU-PAM-1 Relay provides 10.0 A form “C” contacts. The relay may be energized by one of three input voltages: 24VDC, 24VAC, or 120VAC. The input voltages are polarity-sensitive and diode-protected. SSU-PAM-1 Relays contain a red LED which indicates when the relay coil is energized.

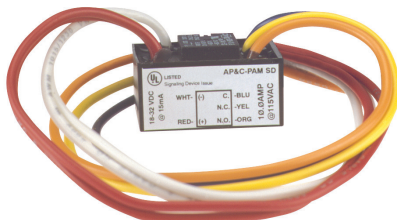
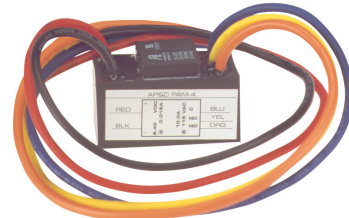


SSU-PAM-2

The SSU-PAM-2 Relay provides 7.0 A form “C” contacts. The relay may be energized by one of two input voltages: 12VDC or 24VDC. The input voltages are polarity-sensitive and diode-protected. SSU-PAM-2 Relays contain a red LED which indicates when the relay coil is energized.

SSU-PAM-4

The SSU-PAM-4 Relay provides 10.0 A form “C” contacts. The relay may be energized across a wide voltage range from 12VDC to 40VDC, making it ideal for 12VDC and 24VDC EOL circuits. The 20mA operating current is constant across the operating range. The input voltages are polarity-sensitive and diode-protected.



SSU-PAM-SD

The SSU-PAM-SD Relay provides 7.0 A form “C” contacts. The relay may be energized by an input voltage between 20VDC to 32VDC, making it ideal for 24VDC NAC circuits. The input voltages are polarity-sensitive and diode-protected. The SSU-PAM-SD provides an additional set of wires for redundant input voltage (circuit supervision pass through).

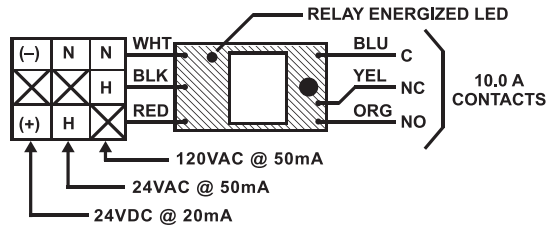
UUKL



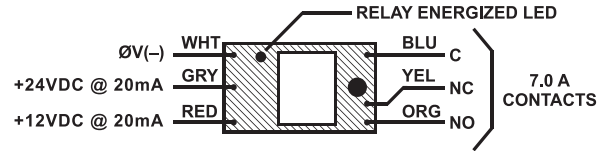
CSFM LISTED

MEA ACCEPTED

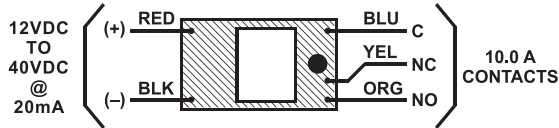
WIRING



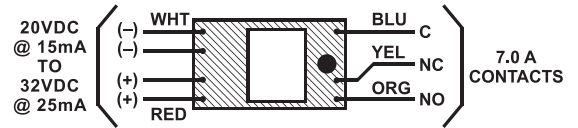
SSU-PAM-1



SSU-PAM-2



SSU-PAM-4



SSU-PAM-SD

PRODUCT SPECIFICATIONS

MODEL NUMBER:	SSU-PAM-1	SSU-PAM-2	SSU-PAM-4	SSU-PAM-SD
COIL VOLTAGE:	24VAC/24VDC/120VAC	12VDC/24VDC	12 to 40VDC	20 to 32VDC
POLARIZED:	Yes	Yes	Yes	Yes
ENERGIZED LED INDICATOR:	Yes	Yes	No	No
CURRENT REQUIREMENT:				
@12VDC		20mA	20mA	
@24VDC	20mA	20mA	20mA	15mA
@32VDC			20mA	25mA
@24VAC	50mA			
@120VAC	50mA			
CONTACT CONFIGURATION:	(1) SPDT dry form "C"	(1) SPDT dry form "C"	(1) SPDT dry form "C"	(1) SPDT dry form "C"
CONTACT RATINGS:				
(contact rating/ power factor)				
@5VDC	250µA / .35 PF	250µA / .35 PF	250µA	250µA / .35 PF
@24VDC	7A / .35 PF	7A / .35 PF	7A	7A / .35 PF
@120VAC	10A	7A / .35 PF	10A	7A / .35 PF
RELAY PULL-IN TIME:				
@12VDC		< 1s	< 5s	
@24VDC	< 1s	< 1s	< 3s	< 1s
@32VDC			< 1.5s	< 1s
@24VAC	< 1s			
@120VAC	< 1s			
WIRE LEADS:	6 "flying" leads 12" / 18 AWG Wire-nuts provided	6 "flying" leads 12" / 18 AWG Wire-nuts provided	5 "flying" leads 12" / 18 AWG Wire-nuts provided	7 "flying" leads 12" / 18 AWG Wire-nuts provided
AMBIENT TEMPERATURE:	32°F to 120°F	32°F to 120°F	32°F to 120°F	32°F to 120°F
(@ 100% RH, condensing)	(0°C to 49°C)	(0°C to 49°C)	(0°C to 49°C)	(0°C to 49°C)
CONSTRUCTION:	100% potted (sealed) with "flying" leads			
MOUNTING:	Pre-drilled mounting screw hole and self tapping screw provided. Double sided tape provided.			
DIMENSIONS:				
H	1.50" (38mm)	1.50" (38mm)	1.50" (38mm)	1.50" (38mm)
W	1.20" (31mm)	1.20" (31mm)	1.20" (31mm)	1.20" (31mm)
D	0.77" (20mm)	0.77" (20mm)	0.77" (20mm)	0.77" (20mm)
LISTINGS AND APPROVALS:				
UL*:	U0XX/7.S3403 UUKL	U0XX/7.S3403 UUKL	U0XX/7.S3403 UUKL	U0XX/7.S3403 UUKL
MEA:	73-92-E Vol. 21	73-92-E Vol. 21	73-92-E Vol. 21	73-92-E Vol. 21
CSFM:	7300-1004:101	7300-1004:101	7300-1004:101	7300-1004:101

*UOXX=Control Unit Accessories, System; /7=also Certified for Canada *UUKL (UL864) = Smoke Control System Equipment System



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