



Kingfisher Company, inc.

PAM SERIES MULTI-VOLTAGE RELAY MODULES



Description:

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.



Models/Description:

PAM-2

The 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. PAM-2 Relays contain a red LED which indicates when the relay coil is energized.

PAM-4

The PAM-3 (A77-716B) Relay provides a 10.0 A form "C" contact. The relay may be energized across a wide voltage range from 9VDC to 40VDC, making it ideal for 12VDC and 24VDC EOL circuits. The 15 mA operating current is constant across the operating range. The input voltage is polarity-sensitive and diode-protected.

Specifications:

| | | |
|---|---|---|
| Coil Voltage: | <i>PAM-2</i> 12VDC/24VDC | <i>PAM-4</i> 9 to 40VDC |
| Polarized: | YES | YES |
| Energized LED Indicator: | YES | YES |
| Current Requirement: | | |
| @12VDC | 15mA | 15mA |
| @24VDC | 15mA | 15mA |
| Contact Configuration: | (1) SPDT Dry Form C | (1) SDST Dry Form C |
| Contact Rating/Power Factor: | | |
| @5VDC | 250µA/.35PF | |
| @24VDC | 7A/.35PF | 10A/.35PF |
| @120VAC | 7A/.35PF | 10A/.35PF |
| Wire Leads: | 6" flying leads 12" @ 18awg Wire nuts provided | 4" flying leads 12" @ 18awg Wire nuts provided |
| Ambient Temperature @ 100% RH Condensing : | 32°F to 120°F 0° C to 49°C | 32°F to 120°F 0°C to 49°C |
| Construction: | 100% Potted with flying leads | 100% Potted with flying leads |
| Dimensions: | 1.50"H X 1.00" W X .9" D 38mm X 25mm X 23mm | 1.50"H X 1.00" W X .9" D 38mm X 25mm X 23mm |
| Mounting (PAM-2/PAM-3): | Pre-drilled mounting hole and self tapping screws provided. | |

ORDERING INFORMATION

| KCi # | Model # | Description |
|-----------|---------|---|
| 20131 | KFPAM-1 | Control Relay—24VAC/DC/115VAC, 10 Amp Form "C" Contact, Polarized, with LED |
| 20132 | KFPAM-2 | Control Relay—12/24VDC, 7 Amp Form "C" Contact, Polarized, with LED |
| 20137 | KFPAM-4 | Control Relay—9-40VDC, 10 Amp Form "C" Contact, Polarized, with LED |
| 20131-DTS | | Specification Data Sheet |

Kingfisher Company, inc., products must be used within their published specifications and must be PROPERLY specified, applied, installed, operated, maintained and operationally tested in accordance with their installation instructions at the time of installation and at least twice a year or more often and in accordance with local, state and federal codes, regulations and laws. Specification, application, installation, operation, maintenance and testing must be performed by qualified personnel for proper operation in accordance with all of the latest National Fire Protection Association (NFPA), Underwriters' Laboratories (UL), National Electrical Code (NEC), Occupational Safety and Health Administration (OSHA), local, state, county, province, district, federal and other applicable building and fire standards, guidelines, regulations, laws and codes including, but not limited to, all appendices and amendments and the requirements of the local authority having jurisdiction (AHJ).

NOTE: Due to continuous development of our products, specifications and offerings are subject to change without notice in accordance with Kingfisher Company, inc., standard terms and conditions

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