

**Struthers-Dunn**

407 East Smith Street - Suite B

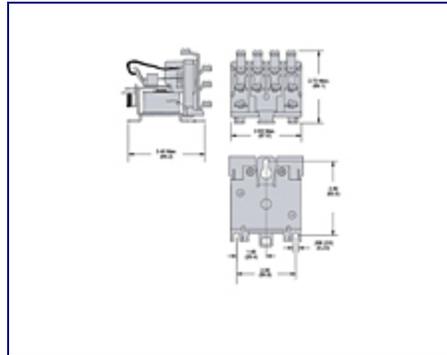
Timmonsville, SC 29161 US

**Phone:** (843) 346-4427 • **Fax:** (843) 346-4465**E-Mail:** [info@struthers-dunn.com](mailto:info@struthers-dunn.com) • **Web site:** [www.struthers-dunn.com](http://www.struthers-dunn.com)

## Item # PM-17AY-24VAC, PM Series - Open Style Power Relays

The PM Series relays offer 4 double throw poles (4PDT) for up to 35 amp at 240 VAC or 20 amps at 28VDC. Product also is capable of 10 amps tungsten switching. Screw terminals (#M4) are standard but .250" quick connects are also available.

This is the same Potter & Brumfield relay that we acquired from them in 2003! It is made to the same original specifications. You can check which of our Distributors have inventory for the relay you need by clicking the Inventory Locator near the top of the

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### Specifications

<b>Series</b>	PM
<b>Type</b>	Screw Terminals (#M4 - 7.0 x 5mm)
<b>Contact Arrangement</b>	4 form C (4PDT)
<b>Coil Voltage</b>	24 VAC

### Contacts

<b>Contact Configuration</b>	4PDT
<b>Contact Material</b>	Silver Alloy
<b>Contact Rating</b>	35 A
<b>Contact Rating 120 / 240VAC Resistive</b>	35 A
<b>Contact Rating 28VDC Resistive</b>	20 A

<b>Motor 240VAC 1 Phase</b>	1.5 hp
<b>Contact Resistance, Initial</b>	100 milliohms max at 6VDC

## Coil

<b>Coils Available</b>	AC and DC
<b>Nominal Coil Power AC</b>	14 VA
<b>Nominal Coil Power DC</b>	4.4 W
<b>Input Voltage Tolerance - AC</b>	85% to 110% of nominal
<b>Input Voltage Tolerance - DC</b>	80% to 110% of nominal
<b>Drop-out voltage</b>	10% of nominal
<b>Duty</b>	Continuous

## Timing

<b>Operate Time (max)</b>	40 ms
<b>Release Time (max)</b>	30 ms

## Dielectric Strength

<b>Across Open Contacts</b>	1500 Vrms
<b>Between Mutually Insulated Point</b>	2000 Vrms
<b>Insulation Resistance</b>	1000 megohms at 500VAC

## Temperature

<b>Operating</b>	-34 to 74 °C -30 to 165 °F
<b>Storage</b>	-40 to 105 °C -40 to 221 °F

## Life Expectancy

<b>Electrical (full load)</b>	100,000
<b>Mechanical (no load)</b>	2,000,000

Miscellaneous -

<b>Mounting Position</b>	Any
<b>Enclosure</b>	Optional - 35D203
<b>Weight</b>	14.9 oz 379 g