

# PM Series - Open Style Power Relay

## 4PDT, 35 Amp



The PM Series relays offer 4 double throw poles (4PDT) for up to 35 amp at 277 VAC or 20 amp at 28Vdc. Product also is capable of 10 amps tungsten switching. Screw terminals (8-32) are standard but .250" quick connects are also available.

### GENERAL SPECIFICATIONS (@ 25° C)

#### Contacts:

Contact Configuration	4PDT
Contact Material	Silver Alloy
Contact Rating	
120 / 240VAC Resistive	35 Amp
28VDC Resistive	20 Amp
Motor 240VAC 1 Phase	1.5Hp
Contact Resistance, Initial	100 milliohms max @ 6VDC

#### Coil:

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

#### Timing:

Operate Time (max)	40ms
Release Time (max)	30ms

#### Dielectric Strength:

Across Open Contacts	1500 VRMS
Between Mutually Insulated Points	2200 VRMS
Insulation Resistance	1000 megohms @ 500VAC

#### Temperature:

Operating	-34 to 74°C (-30 to 165°F)
Storage	-40 to 105°C (-40 to 221°F)

#### Life Expectancy:

Electrical (full load operations)	100,000
Mechanical (no load operations)	2,000,000

#### Miscellaneous:

Mounting Position	Any
Enclosure	Optional - 35D203
Weight	14.9oz (379 grams)



**Ordering Code** **PM** **-17** **-120VDC**

**Series**  
PM

**Type**  
Screw terminals – NO CODE  
.25" Quick connect terminals – CODE T

**Contact Arrangement**  
4 form C (4PDT) - CODE 17

**Coil Voltage**  
AC: 12, 24, 120, 240, 240 (Add VAC)  
DC: 12, 24, 115-125, 240 (Add VDC)

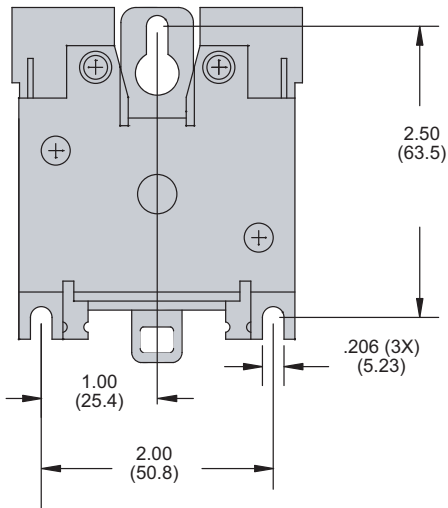
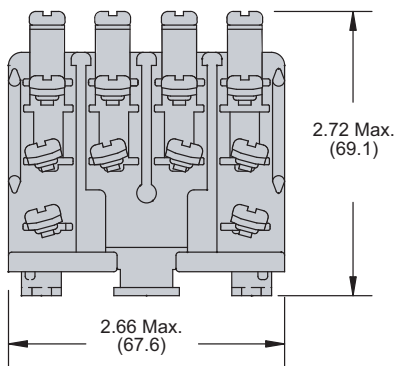
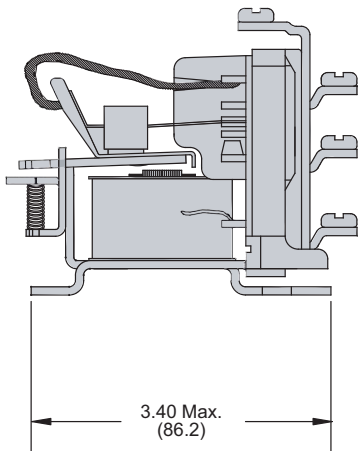
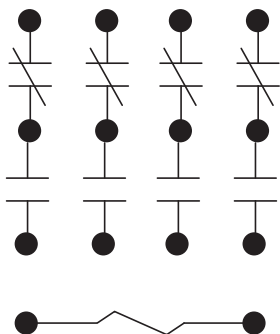
# Motor Relays

## 15 - 75 Amp

### Outline Dimensions

Dimensions Shown in inches & (millimeters)

PM Wire Diagram



Dust Cover Optional  
Part Number - 35D203



### Outline Dimensions

Dimensions Shown in inches & (millimeters)

### PM Dust Cover

