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
Drop-out voltge 10% of nominal
Duty Continuous

Timing:

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

Dielectric Strength:

Across Open Contacts 1500 VRMS
Between Mutally 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
Enclosure
Optional - 35D203
Weight
14.9oz (379 grams)



Ordering Code Series PM Type Screw terminals – NO CODE .25" Quick connect terminals – CODE T Contact Arrangement 4 form C (4PDT) - CODE 17

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

Coil Voltage



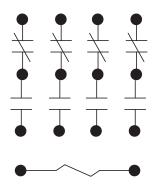
Motor Relays

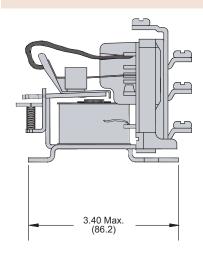
15 - 75 Amp

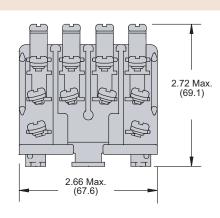
Outline Dimensions

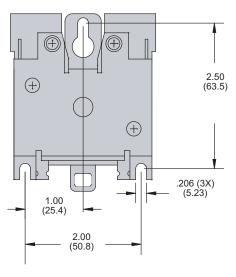
Dimensions Shown in inches & (millimeters)

PM Wire Diagram









Dust Cover Optional Part Number - 35D203





Outline Dimensions

Dimensions Shown in inches & (millimeters)

PM Dust Cover

