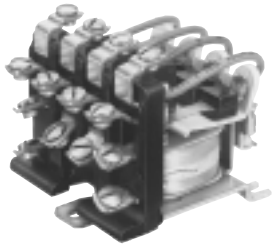
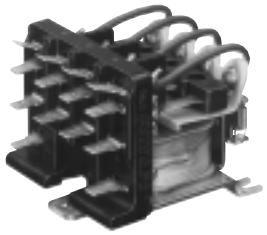
PM series

Heavy Duty
25 Amp Multicontact
AC or DC Power Relay





- File E22575 (PM)
- File E22575 (PMT)
- File 15734

DC Coils			AC Coils (50/60 Hz.)		
Nominal Voltage	DC Resis. In Ohms ±10% @ +25°C	Nominal Current In Milliamps	Nominal Voltage	DC Resis. In Ohms ±15% @ +25°C	Nominal Current In Milliamps
6	8.2	732			
12	33	364	12	14	1070
24	132	182	24	5.0	540
48	526	91	120	120	128
110	2760	40	240	587	61
125	3570	35			
220	Use a 110 volt relay with 2700 to 3300 ohm 5 watt wire wound resistor in series.				

Features

- Contact ratings to 25 amps.
- 8-32 screw or .250 Q.C. termination.
- AC and DC coils available.
- 4PDT contact arrangement.
- Plastic and metal covers available.

Contact Data @ 25°C

Arrangements: 4 Form C (4PDT).
Ratings: **PM & PMT:** 25 amps @ 277VAC, max.; 10 amps @ 28VDC; 1 HP @ 120/240VAC, Single Phase.
Material: Silver-cadmium oxide.
Expected Life: 10 million operations, mechanical; 100,000 operations at rated loads @ 25°C.

Initial Dielectric Strength

Initial Breakdown Voltage: 2,000V rms minimum between all elements and ground.

Coil Data @ 25°C

Voltage: From 6 to 125VDC and 12 to 240VAC, 50/60 Hz.
Nom. Power: DC: 4.4 Watts @ 25°C.
AC: 14VA @ 25°C.
Duty Cycle: Continuous.
Initial Insulation Resistance: 100 megohms, minimum.

Operate Data @ 25°C

Must-Operate Voltage: DC: 75% of nominal voltage @ +25°C.
AC: 85% of nominal voltage @ +25°C.

Environmental Data

Temperature Range: AC: -55°C to +45°C @ nominal coil power.
DC: -55°C to +55°C @ nominal coil power (+75°C available on special order).

Mechanical Data

Mounting: Standard: Three holes; one front key-hole and two rear channel slots for #8-32 screws.
Special: Adaptor plate available for adapting these relays to a chassis pre-drilled for our PRD series relays.
Termination: PM: Heavy-duty screw type with #8-32 BH screw.
PMT: .250" (6.35mm) quick connect terminals.
Insulating Material: Molded polyester alkyd.
Enclosure: **PM & PMT:** Plastic dust cover or metal enclosure available. Order separately. See following page.
Weight: 14 oz. (397g) approximately.

Typical Part No. ▶	PM	-17	A	Y	-120

1. Basic Series: PM

2. Type:
Leave blank = Open relay with screw terminals.
T = Open relay with .250" (6.35mm) quick connect terminals.

3. Contact Arrangement:
17 = 4 Form C (4PDT)

4. Coil Input:
A = AC
D = DC

5. Contact Material:
Y = Silver-cadmium oxide.

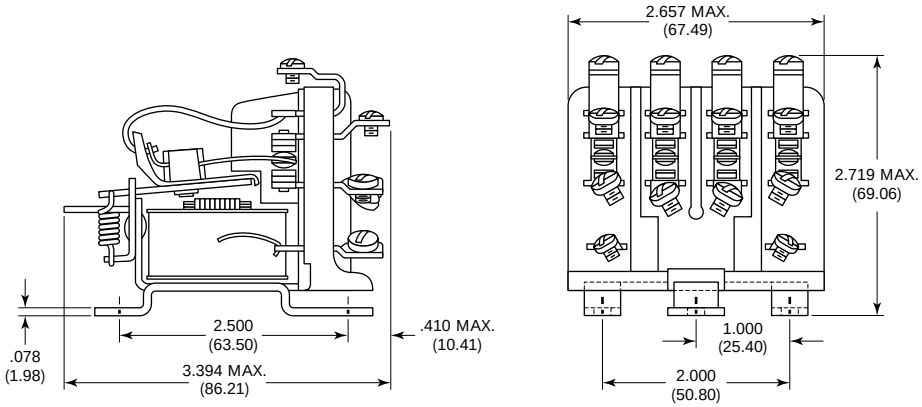
6. Coil Voltage:
To 240VAC or 125VDC (to 220V with resistor).

Stock Items – The following items are normally maintained in stock for immediate delivery.

PM-17AY-24
PM-17AY-120
PM-17AY-240
PM-17DY-12
PM-17DY-24
PM-17DY-110
PMT-17DY-24

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Outline Dimensions



Tolerance: ± .010 (± .25)

PM Plastic Dust Cover 35D203



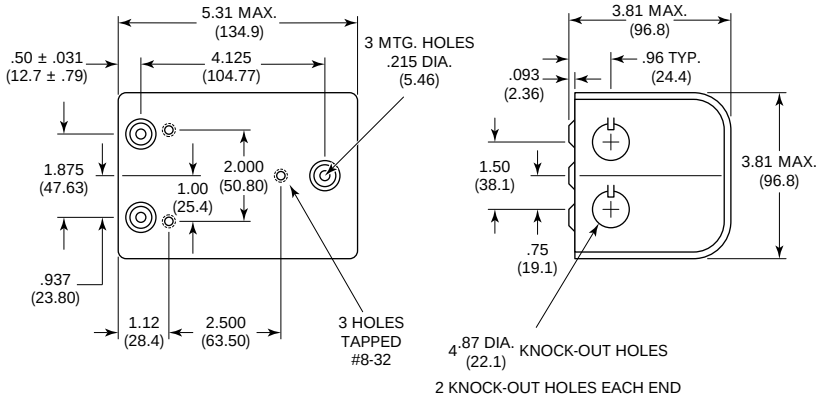
Overall Dimensions In Inches (mm)

Part No.	Length	Width	Height
35D203	**3.394* (86.21)**	**2.657* (67.49)**	**2.719* (69.06)**
35D227	**5.313 (134.95)**	**3.813 (96.85)**	**3.813 (96.85)**

*When Mounted On Relay

PM Metal Cover 35D227





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