

PM OPEN STYLE POWER RELAYS

CLASS
PM

UP TO 35 AMPS AC, UP TO 20 AMPS DC

UL US
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File No. E43641

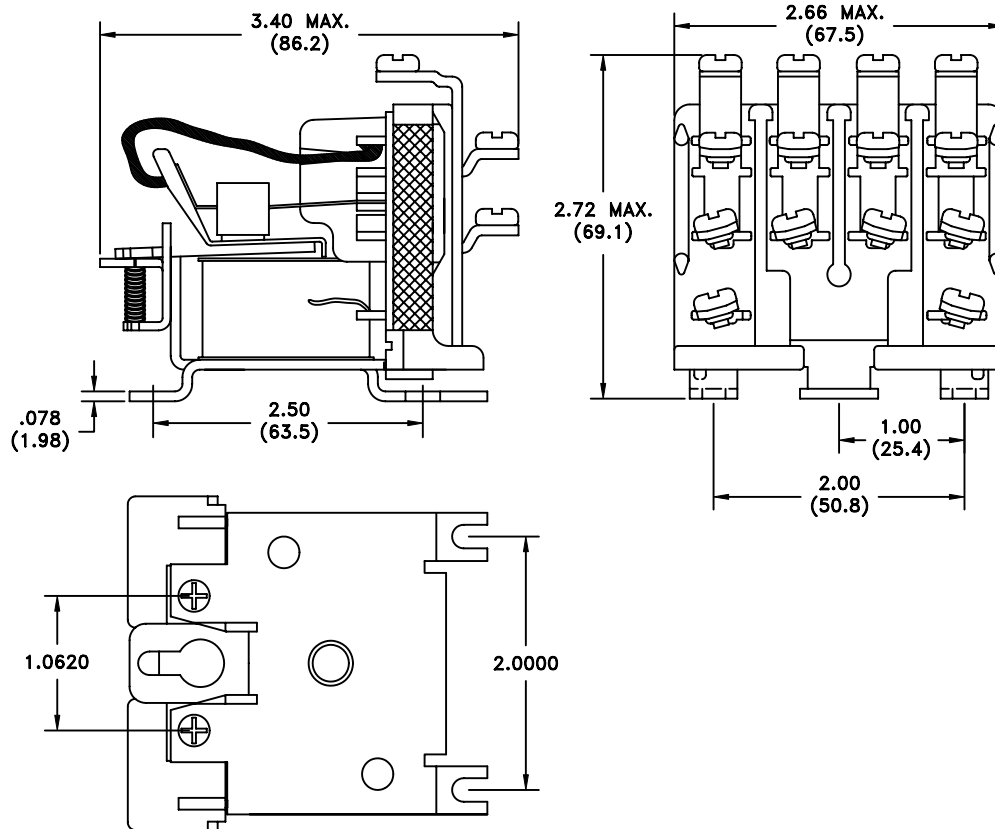


LISTED 367G
IND. CONT. EQ.

***4PDT POWER RELAY
RATING TO 35 AMPS**

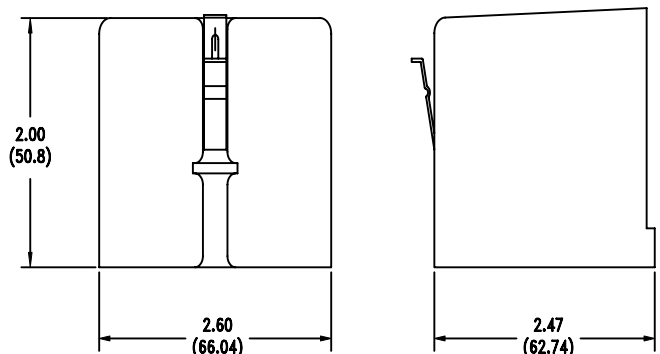
***QC TERMINATIONS
8-32 SCREW OR 0.250**

***PLASTIC COVER AVAILABLE**



STRUTHERS-DUNN

CLASS:	PM		-17	A	Y	-120
TYPE:	LEAVE BLANK=OPEN RELAY WITH SCREW TERMINAL T = OPEN RELAY WITH 0.250" (6.35mm) QUICK CONNECT TERMINALS. C = PLASTIC DUST COVER					
CONTACT ARRANGEMENT:	17=4 FORM C (4PDT)					
CONTACT INPUT:	A = AC, D = DC					
CONTACT MATERIAL:	Y = SILVER ALLOY					
COIL VOLTAGE:	UP TO 240 ADD "A" FOR AC COILS UP TO 125 ADD "D" FOR DC COILS					



(OPTIONAL) PLASTIC DUST COVER
PART NUMBER 35D203

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CONTACT LOAD RATINGS TABLE

UP TO 277 VAC 50/60Hz	35 A, RESISTIVE (AC1)
28 VDC	20 A, RESISTIVE (DC1)
MOTOR LOAD, 240 VAC 50/60Hz	1 1/2 HP
MOTOR LOAD, 480 VAC 50/60Hz	2 HP
TUNGSTEN, 240 VAC 50/60Hz	10 A

GENERAL SPECIFICATIONS (@ 25⁰ C)

COIL

Pull-in Voltage:

Coil voltage Minimum operate

AC: 85%

DC: 80%

Pull-in Voltage:

DC: 80% of Nominal measured at 25⁰ C

Dropout Voltage:

AC: 10% of Nominal voltage or more at 25⁰ C

Dropout Voltage:

DC: 10% of Nominal voltage or more at 25⁰ C

Maximum Voltage:

± 110%

Resistance Tolerance:

± 10% at 25⁰ C

Coil Power (50/60Hz):

AC: 14 Va

Coil Power:

DC: 4.4 W

Insulation System

Per UL Standard 1446:

Class B (130⁰ C)

Duty:

Continuous

CONTACTS

Material:

Silver Alloy

Minimum Recommended Load:

1 amp @ 5 VDC or 5w

TIMING

Operate Time:

40 ms @ Nominal Voltage

Release Time:

30 ms @ Nominal Voltage

DIELECTRIC STRENGTH

Coil to Contacts:

2000 V rms

Across Open Contacts:

1500 V rms

Pole to Pole:

1500 V rms

Cotacts to Frame:

2000 V rms

Insulation Resistance:

1000 megohms @ 500 VDC Minimum

TEMPERATURE

Rated Operations:

-40⁰ C to +50⁰ C (AC)

-40⁰ C to +55⁰ C (DC)

Storage:

-55⁰ C to +100⁰ C

LIFE EXPECTANCY

Electrical:

100,000 Operations @ Rated Loads

Mechanical:

10,000,000 Operations @ No Load

MISCELLANEOUS

Operating Position:

Any

Terminal PM:

#8-32 Comb. Head Screw

Terminal PMT:

.250 Q.C. Terminals

Weight:

397 Grams

DC COILS		AC COILS	
NOMINAL INPUT VOLTAGE	DC RESISTANCE IN OHMS ± 10%	NOMINAL INPUT VOLTAGE	DC RESISTANCE IN OHMS ± 10%
6	8.2		
12	33	12 VAC 50/60Hz	1.4
24	132	24 VAC 50/60Hz	5.0
48	526	120 VAC 50/60Hz	120
110	2760	240 VAC 50/60Hz	587
125	3570		

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