

10 Amp Minature PCB Power Relay

PC371



FEATURES

- 10 Amp contact capacity
- 1 Form A, 1Form B & 1 form C contact forms available
- 5 KV dielectric strength between coil and contacts
- 10 mm creepage distance between coil and contacts
- 1/3 Hp @ 250 VAC
- Meets UL 873 spacing
- Sealed, immersion cleanable



File # E93379

UL/CUR RATINGS

Load Type	All Forms All Contacts
General Use	10 Amps @ 120 VAC, 277 VAC & 30 VDC
Resistive	10 Amps @ 120 VAC, 277 VAC & 30 VDC
Motor	1/3 Hp @ 250 VAC, 1/4 Hp @ 125 VAC (NO)
TV	5A @ 120 VAC (NO)

CONTACT DATA

Material		AgCdO (Silver Cadmium Oxide)
Initial Contact Resistance		50 milliohms max @ 1A, 6VDC
Service Life	Mechanical	1 X 10 ⁷ Operations
	Electrical	1 X 10 ⁵ Operations

CHARACTERISTICS

Operate Time	15 ms. Max.
Release Time	5 ms. Max.
Insulation Resistance	1,000 megohms min, at 500VDC, 50%RH
Dielectric Strength	5000 Vrms, 1 min. between coil and contacts 1000 Vrms, 1 min. between open contacts
Shock Resistance	10 g, 11ms, functional; 100 g, destructive
Vibration Resistance	DA 1.5 mm, 10 - 55 Hz
Power Consumption	0.55 Watts
Ambient Temperature Range	-40 to 70 C, -40 to 130 C storage
Weight	18 grams approx.

ORDERING INFORMATION

Example:	PC371	-1C	-12	S
Model				
Contact Form 1A, 1B or 1C				
Coil Voltage				
Enclosure				
S: Sealed; C: Dust Cover				

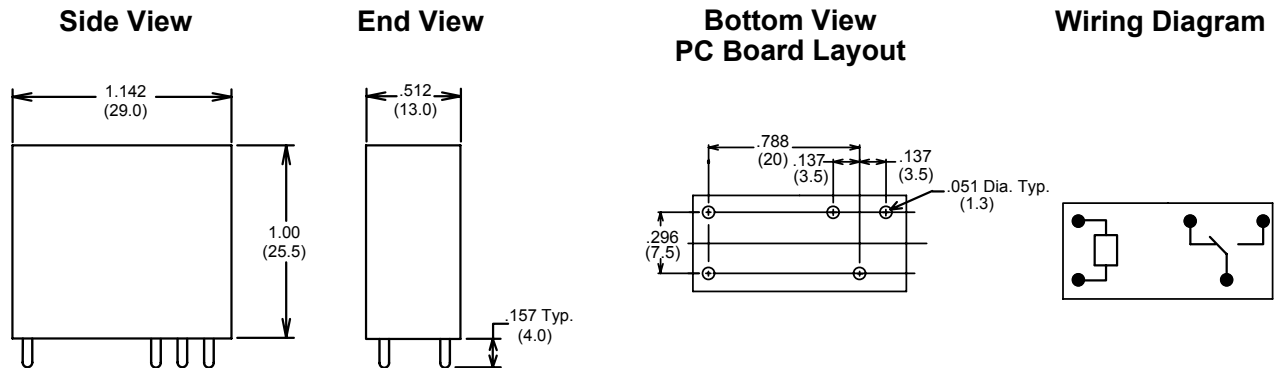
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COIL DATA

Coil Voltage	Resistance ohms \pm 10%	Must Operate Voltage Max. (VDC)	Must Release Voltage Min. (VDC)	Continuous Voltage Max. (VDC)
3	17	2.25	0.3	3.3
5	47	3.75	0.5	5.5
6	68	4.50	0.6	6.6
12	275	9.00	1.2	13.2
24	1100	18.0	2.4	26.4
48	4170	36.0	4.8	52.8
60	7000	45.0	6.0	66.0

Note: Custom coil voltages within the ranges shown are available on special order.

Dimensions in Inches (millimeters)



Notes:
 Contact Form C shown
 On Contact Forms A & B Unused Pins are Omitted
 Tolerances \pm .010 unless otherwise noted

