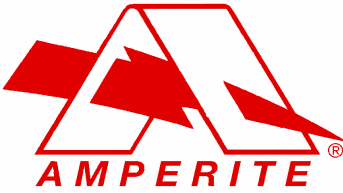


Solving Your Relay Requirements Since 1922



Amperite Co.
 567 52nd Street
 P.O. Box 329
 West New York, NJ 07093
 (800) 752-2329
www.Amperite.com

PC6 - Series

PCB Relays



15A and 30A Switching Capabilities

SPST Configurations

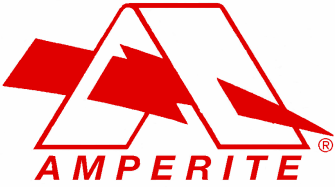
PCB Terminals

Epoxy Sealed

SPECIFICATIONS

Contact Material	Silver Alloy		
Contact Resistance	Maximum 50 Milliohms		
Operate Time	Maximum 15 Milliseconds		
Release Time	Maximum 10 Milliseconds		
Insulation Resistance	1000 Megohm Minimum (500 VDC)		
Dielectric Withstanding Voltage	—		
Coil to Contact	2500 VAC (50 / 60 Hz) for 1 Minute		
Between Open Contacts	1500 VAC (50 / 60 Hz) for 1 Minute		
Vibration Resistance	Functional	10 to 55 Hz Double Amplitude of 1.5 mm	
	Destruction	10 to 55 Hz Double Amplitude of 1.5 mm	
Shock Resistance	Functional	10 G's Minimum	
	Destruction	100 G's Minimum	
Life (Minimum Operations)	Mechanical	At 120 CPM	10,000,000
	Electrical	At 20 CPM	100,000
Ambient Temperature	-40° C to +70° C		
Operating Humidity	98% RH @ 40° C		
Unit Weight	36 Grams		

Solving Your Relay Requirements Since 1922



Amperite Co.
 567 52nd Street
 P.O. Box 329
 West New York, NJ 07093
 (800) 752-2329
www.Amperite.com

CONTACT RATINGS

Arrangement	1A	1B
Resistive Load Cos. $\Phi = 1$	16A 250 VAC / 30 VDC	
Maximum Contact Voltage	28 VDC / 277 VAC	
Maximum Contact Current	30 A	15A

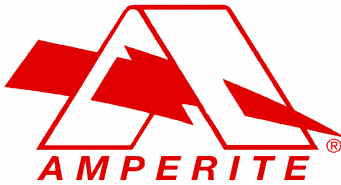
COIL DATA (at 20°C)

Nominal Voltage	18 VDC	120 / 220 VAC
Pick-up Voltage VDC (Max.)	13.5 VDC	96 / 192 VAC
Drop-out Voltage VDC (Min.)	1.8 VDC	24 / 48 VAC
Coil Resistance	380 $\Omega \pm 10\%$	2500 / 13490 $\Omega \pm 10\%$
Power Consumption	.85 W	5.7 / 3.6VA
Temperature Rise (Nominal Voltage)	55°C	
Max. Allowable Voltage	120% of Nominal Voltage	

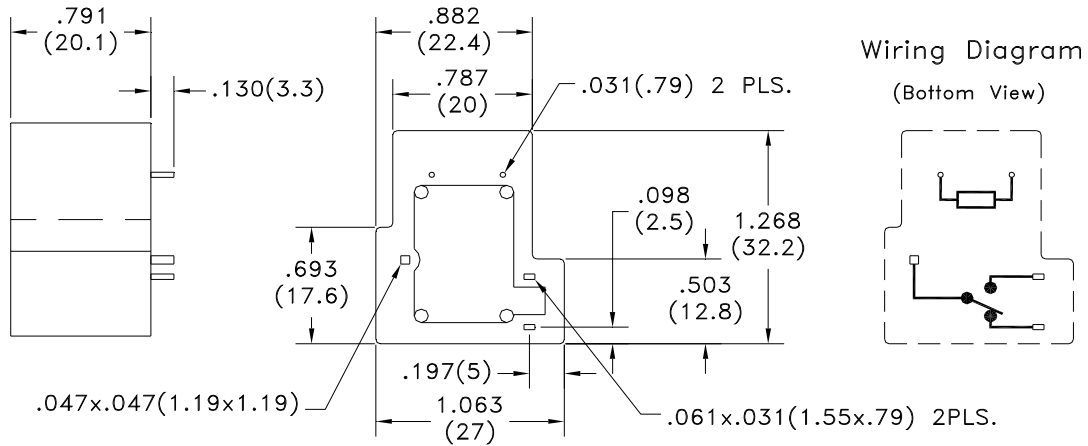
THE AMPERITE PART NUMBERING SYSTEM IS LISTED BELOW. IF YOU DO NOT
 SEE THE NUMBER LISTED THAT YOU NEED, PLEASE CONTACT US. WE CAN
 PROVIDE MOST TYPES OF RELAYS AVAILABLE TODAY.

Part Number	CONTACT ARRANGEMENT	COIL VOLTAGE	TERMINATION
PC6-1A 018D 02	1A = 1 Form A	018D = 18VDC	02 = PCB Mount
PC6-1A 120A 02	1A = 1 Form A	120A = 120 VAC	02 = PCB Mount
PC6-1A 220A 02	1A = 1 Form A	220A = 220 VAC	02 = PCB Mount
PC6-1B 120A 02	1B = 1 Form B	120A = 120 VAC	02 = PCB Mount
PC6-1B 220A 02	1B = 1 Form B	220A = 220 VAC	02 = PCB Mount

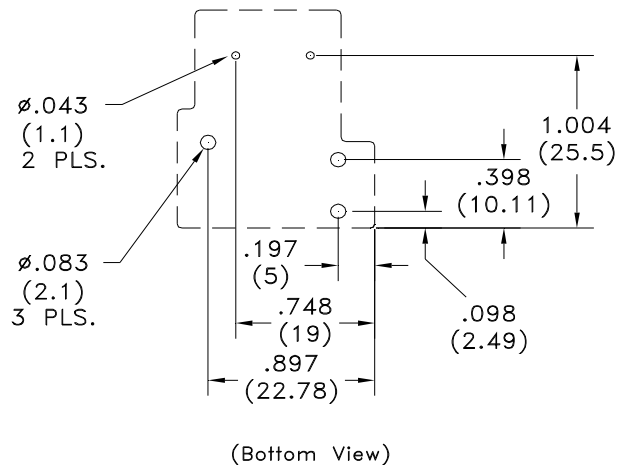
Solving Your Relay Requirements Since 1922



Amperite Co.
 567 52nd Street
 P.O. Box 329
 West New York, NJ 07093
 (800) 752-2329
www.Amperite.com



Outline Dimensions PC6
 1 Pole PCB Mount



PCB Layout Dimensions PC6