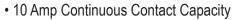


Subminiature PCB Power Relay



PC376

FEATURES





- · Class B Insulation Standard
- High Sensitivity Version Available
- Sealed or Flux Tight Covers Available



UL / CUL Ratings

Contact Form	1 Form A SPST N.O. 1 Form C SPDT		
Rated Load	Voltage	Amps	
NO, Resistive, 6K cycles, 40°C	250VAC	16A	
NC, Resistive, 6K cycles, 40°C	250VAC	10A	
NO, Resistive, 6K cycles, 40°C	30VDC	16A	
NC, Resistive, 6K cycles, 40°C	30VDC	10A	

CONTACT DATA

Maximum Switching Power	250W, 2500VA
Maximum Switching Voltage	380VAC, 110VDC
Maximum Switching Current	16A
Material	AgSnO ₂
Initial Contact Resistance	50 mΩ max.
Service Life Mechanical	1 x 10 ⁷ operations
Electrical	1 x 10 ⁵ operations

CHARACTERISTICS

Landaria Davida	4.00014.0
Insulation Resistance	1,000M Ω min. at 500 VDC
Dielectric Strength	1500V rms, between coil & contacts
	750V rms, between contact
Power Consumption	.45W, .20W
Terminal Strength	10N
Solderability	260°C 5s ± 0.5s
Operating Temperature	-40°C to 85°C, Class B
	-40°C to 105°C, Class F
Storage Temperature	-40°C to 155°C
Shock Resistance	10m/s ² for 11 ms
Vibration Resistance	1.5m double amplitude 10 Hz ~ 40 Hz
Weight	10g

Values can change due to the switching frequency, desired reliability levels, environmental conditions, and in-rush current levels. It is recommended to test to actual load conditions for the application. It is the users responsibility to determine the performance suitability for their specific application. The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.

ORDERING INFORMATION

ONDEKNING IN	OKWATION						
Example	PC376	-1A	-12	S	-H	-X	
Model:	PC376						
Contact Form	1A 1C	_					
Coil Voltage	5 = 5VDC 18 = 18VDC 6 = 6VDC 24 = 24VDC 9 = 9VDC 48 = 48VDC 12 = 12VDC						
Enclosure	S = Sealed C = Flux Tight						
Insulation Material	Nil = Class B F = Class F						
Coil Sensitivity	Nil = 450mW, standard H = 200mW, sensitive*				-		
RoHS Compliant	-X					-	

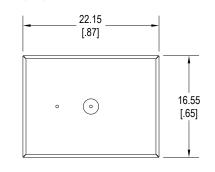
^{*} Available with 1A contact only

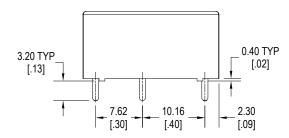


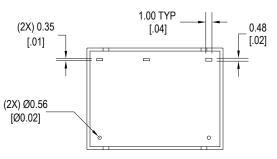
COIL DATA - Single Coil

Coil V	'oltage		tance ± 10%)	Pick Up Voltage Max. VDC	Release Voltage Min. VDC	Coil Power W	Operate Time ms	Release Time ms	
Rated	Max	.20W	.45W						
5	6.5	125	56	3.75	.5				
6	7.8	180	80	4.50	.6				
9	11.7	405	180	6.75	.9				
12	15.6	720	320	9.00	1.2	.20 .45	8	5	
18	23.4	1620	720	13.50	1.8	.43			
24	31.2	2880	1280	18.00	2.4				
48	62.4	11520	5120	36.00	3.6				

DIMENSIONS *Inches (mm)*

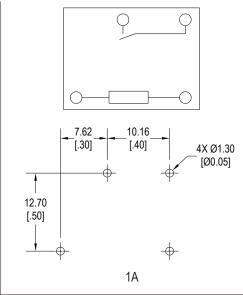


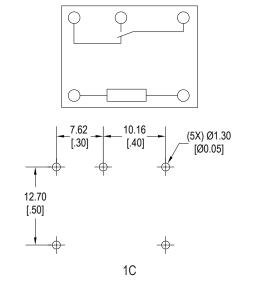




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SCHEMATICS & PC LAYOUT Bottom Views





PC376 Rev P 11/2022