

**FEATURES**

- Subminiature Design
- 16 Pin DIL Package for PCB Board
- Contact Current Capacity: 30A
- Contact Voltage: 30VDC
- Contact Resistance: 50mΩ
- Coil Voltage: 5VDC to 48VDC
- Coil Power: .40W to .55W
- Operating Temperature: -40°C to 85°C
- Storage Temperature: -40°C to 155°C
- Shock Resistance: 100 m/s<sup>2</sup> 11 ms
- Vibration Resistance: 10-40 Hz double amplitude 1.5 mm
- Weight: 4.5g



# PRODUCT OBSOLESCENCE NOTIFICATION

This product has been discontinued.

Please see

CIT Relay & Switch

A15 Series

for a direct cross.

**UL / CUL Ratings**

Contact Form	2 Form C, DPDT (Crossbar Contacts)	
Rated Load	Voltage	Amps
Resistive, 6K cycles, 40°C	30VDC	3A
NO, Resistive, 6K cycles, 40°C	30VDC	3A
Resistive, 6K cycles, 40°C	125VAC	.6A

**CHARACTERISTICS**

Insulation Resistance	100MΩ min. at 500 VDC
Dielectric Strength	1000V rms, between contacts
Surge Withstand Voltage	1500V, between open contacts
FCC part 68	1500V between contact poles
	1500V between coil & contacts
Power Consumption	.40W, .55W
Terminal Strength	5N
Solderability	260°C 5 s ± 0.5 s
Operating Temperature	-40°C to 85°C
Storage Temperature	-40°C to 155°C
Shock Resistance	100 m/s <sup>2</sup> 11 ms
Vibration Resistance	10-40 Hz double amplitude 1.5 mm
Weight	4.5g

**CONTACT DATA**

Maximum Switching Power	60W, 75VA
Maximum Switching Voltage	48VDC, 250VAC
Maximum Switching Current	3A
Material	AgNi+Au (Clad)
Initial Contact Resistance	50 mΩ max.
Service Life	Mechanical 1 x 10 <sup>7</sup> operations
	Electrical 1 x 10 <sup>5</sup> operations

**ORDERING INFORMATION**

Example Model:	PC324S
Coil Voltage	5 = 5VDC 9 = 9VDC 12 = 12VDC 24 = 24VDC 48 = 48VDC
Contact Material:	Nil = AgNi + Au
Coil Sensitivity:	A = .55W B = .40W
RoHS Compliant:	X = RoHS Compliant

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 applicaiton. 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.