

FEATURES

- Subminiature Design
- 16 Pin DIL Package for PCB Board

PRODUCT OBSOLESCENCE NOTIFICATION

This product has been discontinued.

Please see contact CIT Relay & Switch for more information.

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 coil & 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 | 100g/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 ⁶ operations Electrical: 1 x 10 ⁵ operations |

ORDERING INFORMATION

| | | | | |
|-------------------|--|-----|---|----|
| Example Model: | PC324S | -12 | B | -X |
| 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.