

FEATURES

- Non-latching, 4-pole plug-in relay with single contact
- Operating temperature range of -55°C to +70°C
- Contact configuration of 4PDT
- Maximum switching power of 150 W
- Maximum switching voltage rating of 125 V (DC)
- Switching current rating of 5 A
- Isolation coil to contact of 2 kV AC
- Maximum switching power of 150 W (DC)
- Gold plated contacts
- Life of 100000000 mechanical cycles and 200000 electrical cycles
- Coil power of 1.1 W
- Maximum switching voltage of 250 V AC

RS PRO, 120V ac Coil Non-Latching Relay 4PDT, 5A Switching Current Plug In, 4 Pole

RS Stock No.: 394-9100



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

This plug-in relay from RS PRO is an electrical switch used to open and close a circuit. As a non-latching relay, it will stay in a normally closed (NC) position until power passes through it when it will switch to a normally open (NO) position. It is long-lasting and high performing, has a coil voltage of 120 V AC and can withstand currents up to 5 A. Latching and non-latching relays are widely used in household appliances and automotive engines.

General Specifications

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|------------------------------|---|
| Contact Configuration | 4PDT |
| Number of Poles | 4 |
| Applications | Automotive engines, Household applications, Industrial machinery, Medical equipment, Telecommunications equipment |

Electrical Specifications

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|----------------------------------|------------------|
| Coil Power | 0.9VA to 1.1VA |
| Coil Voltage | 110Vac to 120Vac |
| Coil Resistance | 4430Ω |
| Switching Current | 5A |
| Isolation Coil To Contact | 2kV ac |
| Terminal Type | Through Hole |

| Contact Data | |
|--------------------------------|------------------------|
| Maximum Switching Current (AC) | 3A ac |
| Maximum Switching Current (DC) | 3A dc |
| Maximum Switching Voltage (AC) | 250V ac |
| Maximum Switching Voltage (DC) | 125V dc |
| Maximum Switching Power (AC) | 1250VA |
| Maximum Switching Power (DC) | 150W |
| Contact Material | Gold Clad Silver Alloy |
| Mechanical Endurance | 50000000 cycles |
| Electrical Endurance | 200000 cycles |

Mechanical Specifications

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|---------------|---------|
| Mounting Type | Plug In |
| Depth | 21.5mm |
| Length | 28mm |
| Height | 36mm |

Operation Environment Specifications

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|-------------------------------|----------------|
| Operating Temperature Range | -55°C to +70°C |
| Minimum Operating Temperature | -55°C |
| Maximum Operating Temperature | 70°C |
| Ambient Temperature | -55°C to +70°C |

Approvals

| | |
|---------------------------|-----------------------------------|
| Compliance/Certifications | EN61340 |
| Standards Met | RoHS Compliant, CSA, CE Certified |

