

## FEATURES

- Non-latching relay
- Coil voltage of 240 V AC
- Coil power of 1.2 W
- Coil resistance of 15.7 k $\Omega$
- Isolation coil to contact of 1.5 kV AC
- Contact configuration of DPDT
- Silver alloy contacts
- Plug-in mounting
- Switching current of 10 A
- PCB pin terminal
- Two poles
- Operating temperature range of -45°C to +55°C
- Maximum switching voltage AC of 240 V AC
- Maximum switching voltage DC of 30 V DC

# RS PRO, 240V ac Coil Non-Latching Relay DPDT, 10A Switching Current Plug In, 2 Pole

RS Stock No.: 450-0330



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

The RS PRO, 240 V AC coil non-latching relay DPDT (double pole double throw) is a reliable component for opening and closing circuits. Commonly found in industrial settings, it's used in video projection equipment, surge control devices and automation controllers. This switch is non-latching, which means it's typically in a closed (NC) position without power. It moves into a normally open (NO) position when power passes through the circuit. It features a plug-in mount so it's easy to install. The component comes in clear, plastic casing with dimensions of 28 mm (L), 21.5 mm (D) and 36 mm (H). It functions in extreme temperatures, ranging from -45°C to +55°C.

## General Specifications

<b>Contact Configuration</b>	DPDT
<b>Number of Poles</b>	2
<b>Applications</b>	Automotive engines, Household applications, Industrial machinery, Medical equipment, Telecommunications equipment

## Electrical Specifications

<b>Coil Power</b>	1.2W
<b>Coil Voltage</b>	240V ac
<b>Coil Resistance</b>	15.7 kΩ
<b>Switching Current</b>	10A
<b>Isolation Coil To Contact</b>	1.5kV ac
<b>Terminal Type</b>	PCB Pin

Contact Data	
Maximum Switching Current (AC)	10A ac
Maximum Switching Current (DC)	10A dc
Maximum Switching Voltage (AC)	240V ac
Maximum Switching Voltage (DC)	30V dc
Maximum Switching Power (AC)	2.4 kVA
Maximum Switching Power (DC)	300 W
Contact Material	AgSnO <sub>2</sub>
Mechanical Endurance	100000000 cycles
Electrical Endurance	100000 cycles

## Mechanical Specifications

Mounting Type	Socket Mount
Depth	21.5mm
Length	28mm
Height	36mm

## Operation Environment Specifications

Operating Temperature Range	-45°C to +55°C
Minimum Operating Temperature	-45°C
Maximum Operating Temperature	55°C
Ambient Temperature	-45°C to +55°C

## Approvals

Compliance/Certifications	EN61340
Standards Met	CUR E125370, UL E125370

