

Magnecraft

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Item # 976XAXH-6D, 976 Relay Slim-Line PCB Mount Relay/One and Two Pole 5 - 20 Amp Rated (DC and AC)

976 Relay Slim-Line PCB Mount Relay/One and Two Pole 5 - 20 Amp Rated (DC and AC)

Supercedes: 76EURCPX-15

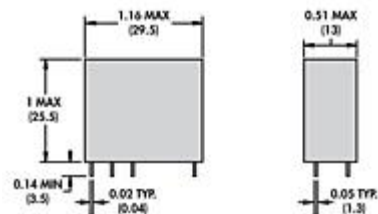
Electronic control circuits built on PCB's demand relays that can be populated with the same machinery currently used in the production lines. The Magnecraft SIPS and DIPS are built in small industry standard package styles that do not require unique machinery to populate. The SIPS and DIPS can even withstand a lead-free solder re-flow process so a pin-thru-paste application is possible.

Up to 20A

Less than 1 Cubic Inch

UL Recognized and meets CSA and TÜV Specifications

This item is normally stocked



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SPECIFICATIONS

Control	DC
Contact Configuration	SPDT
Nominal Input Voltage	6 VDC
Coil Resistance	68 Ohm
Construction	Not 20A Construction

CONTACT CHARACTERISTICS

Contact Materials	Silver Alloy
Current Rating	12 A
Switching Voltage (AC, Resistive)	10 A at 240 50 / 60 Hz (NO) 12 A at 240 50 / 60 Hz (NO)
Switching Voltage (DC, Resistive)	10A at 30V (NC) 12A at 30V (NO)

COIL CHARACTERISTICS

Operating Range - % of Nominal (DC)	85 to 110 %
Average Consumption (AC)	1.2 VA
Average Consumption (DC)	0.53 W
Drop-out Voltage Threshold (AC)	30 %
Drop-out Voltage Threshold (DC)	10 %

PERFORMANCE CHARACTERISTICS

Electrical Life, Operations at Rated Current (Resistive)	100000
Mechanical Life, Unpowered	10000000
Operating Time (Response Time)	15 ms

ENVIRONMENT

Product Certifications	UL, CSA, CE, TUV
Ambient Air Temperature around the Device - Storage	-40 to +85 °C
Ambient Air Temperature around the Device - Operation	-40 to +55 °C
Vibration Resistance - Operational	3 g-n at 10-55 Hz
Shock Resistance	10 g-n