

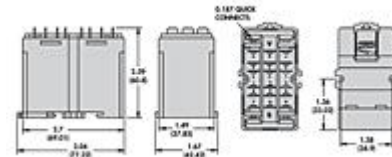
## Magnecraft

### Item # 385XDX-24D, 385 Magnetic Latching Relay/DPDT to 6PDT, 15 Amp Rating

#### 385 Magnetic Latching Relay/DPDT to 6PDT, 15 Amp Rating

The 385 relay is a mechanically latched, electrically reset relay. It can be furnished with two, four or six sets of double throw contacts. The molded, plastic dust cover snaps onto a standard DIN rail as well as incorporating mounting slots for panel mounting. The 385 does not have a dominant coil. If both coils are energized at the same time, all of the normally open contacts close and all normally closed contacts open. If one coil, (Coil A) is de-energized, then the contacts on the opposite side (Coil B) will not transition until coil power is restored to the first coil (A).

This item is normally stocked



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#### SPECIFICATIONS

Contact Configuration	4PDT
Control	DC
Nominal Voltage	24 VDC
Coil Resistance	340 Ohm
Control Type	Single Coil

#### CONTACT CHARACTERISTICS

Contact Materials	Silver Alloy
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Thermal (Carrying) Current	15 A
Maximum Switching Voltage	600 V
Switching Current at Voltage (AC, Resistive)	15 A at 240 V 50 / 60 Hz
Switching Current at Voltage (DC, Resistive)	10 A at 28 V
Minimum Switching Requirement	100 mA at 5 VDC (0.5W)

## COIL CHARACTERISTICS

Coil Voltage	24 VDC
Operating Range - % of Nominal (AC)	85 to 110 %
Operating Range - % of Nominal (DC)	80 to 110 %
Average Consumption (AC)	2 VA
Average Consumption (DC)	1.64 W
Drop-out Voltage Threshold (AC)	15 %
Drop-out Voltage Vhreshold (DC)	10 %

## PERFORMANCE CHARACTERISTICS

Electrical Life (UL508), Operations at Rated Current (Resistive)	100000
Mechanical Life, Unpowered	10000000
Operating Time (Response Time)	25 ms
Rated Insulation Voltage - Between Coil and Contact (AC)	2000 V(rms)
Dielectric Strength - Between Poles (AC)	1500 V(rms)
Dielectric Strength - Between Contacts (AC)	1500 V(rms)

## ENVIRONMENT

Product Certifications, Standard Version	UL
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
Degree of Protection	IP 40