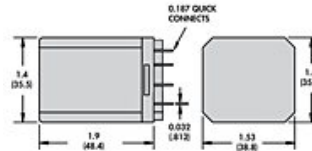


**Item # 785XBXCD-12D, 785 Magnetic Latching Square Base Relay / DPDT, 16 Amp Rating**

The 785 Magnetic Latching relay operates by using a pulsed input.

A permanent magnet maintains the last position until a redirected second pulse moves the contacts back to the original state.



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**Specifications**

Check Inventory	<a href="#">Check Distributor Inventory</a>
Status	Standard
Legacy Part No.	285XBXCD-12D 388ML2CPX-6

**Coil Characteristics**

Coil Voltage	12 VDC
Control	DC
Control Type	Dual Coil
Coil Resistance (Ohms)	88 Ohm
Operating Range	80 to 110% DC 85 to 110% AC
Average Consumption	1.4 W 3 VA
Drop-out Voltage Threshold	10% DC 15% AC

**Contact Characteristics**

Pin Orientation	Blade
Contact Materials	Silver Alloy
Contact Configuration	DPDT
Contact Rating (switching current max)	16 A
Maximum Switching Voltage (V)	300 V
Switching Current at Voltage (Resistive)	16 A at 120 VAC 50/60 Hz 16 A at 277 VAC 50/60 Hz 16 A at 28 VDC
Minimum Switching Requirement	100 mA at 5 VDC (0.5W)
Pilot Duty	B300

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**Performance Characteristics**

<b>Operating Time (Response Time)</b>	20 ms
<b>Dielectric Strength</b>	1500 VAC (rms) Between coil & contact 1500 VAC (rms) Between contacts 500 VAC (rms) Between poles
<b>Electrical Life (Resistive)</b>	100000 Operations at Rated Current
<b>Mechanical Life</b>	5000000 Unpowered Operations

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**Environment**

<b>Ambient air temperature around the device</b>	-40 to +55_ C (Operation) -40_ to 85_ C (Storage)
<b>Vibration Resistance (Operational)</b>	3 g-n at 10-55 Hz
<b>Shock Resistance</b>	10 g-n
<b>Degree of Protection</b>	IP 40

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**Product Certifications**

<b>Agency Approvals</b>	CSA (LR40787) UL (E43641) RoHS
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