

Magnecraft

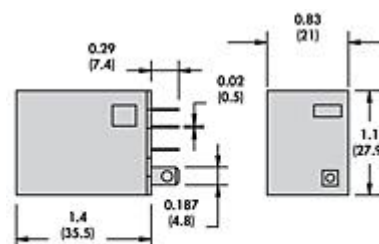
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Item # 782XBXC-110/125D, 782 Ice Cube Relays / DPDT 15 Amp Rating



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SPECIFICATIONS

Terminal Style	Plug in
Contact Configuration	DPDT
Thermal (Carrying) Current	15 A
Nominal Voltage	110-125 VDC
Control	DC
Coil Resistance	11000 Ohm
Contact Materials	Silver Alloy
Options	Plain Cover
Maximum Switching Voltage	300 V
Switching Current at Voltage (AC, Resistive)	10 A at 277 V 50 / 60 Hz (CSA) 12 A at 277 V 50 / 60 Hz 15 A at 120 V 50 / 60 Hz
Switching Current at Voltage (DC, Resistive)	12 A at 28 V

Switching Current at Voltage	1 hp at 250 VAC 1/2 hp at 120 VAC
Switching Current at Voltage (Pilot Duty)	B300
Minimum Switching Requirement	100 mA at 5VDC (0.5W)
Feature Options	None

COIL CHARACTERISTICS

Operating Range - % of Nominal (AC)	85 to 110 %
Operating Range - % of Nominal (DC)	80 to 110 %
Average Consumption (AC)	1.2 VA
Average Consumption (DC)	0.9 W
Drop-out Voltage Threshold (AC)	15 %
Drop-out Voltage Threshold (DC)	10 %

PERFORMANCE CHARACTERISTICS

Electrical Life (UL508), Operations at Rated Current (Resistive)	100000
Mechanical Life, Unpowered	10000000
Operating Time (Response Time)	20 ms
Dielectric Strength - Between Coil and Contact (AC)	2500 V(rms)
Dielectric Strength - Between Poles (AC)	1500 V(rms)
Dielectric Strength - Between Contacts (AC)	1500 V(rms)

ENVIRONMENT

Product Certifications, Standard Version	CE CSA 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	4 g-n at 10-55 Hz
Shock Resistance	10 g-n
Degree of Protection	IP 40
Weight	36 G