

**Magnecraft**

191 Waukegan Rd, Ste 206

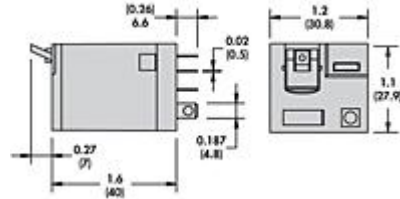
Northfield, IL 60093-2743

**Phone:** (847)441-2526

**Fax:** (847)441-2522

**Email:** info@magnecraft.com

**Item # 783XCXM4L-110/125D, 783 Ice Cube Relays / 3PDT, 15 Amp Rating (DC and AC)**



[SPECIFICATIONS](#) · [COIL CHARACTERISTICS](#) · [PERFORMANCE CHARACTERISTICS](#) · [ENVIRONMENT](#)

**SPECIFICATIONS**

Terminal Style	Plug in
Contact Configuration	3PDT
Thermal (Carrying) Current	15 A
Nominal Voltage	110-125 VDC
Control	DC
Coil Resistance	8600 Ohm
Contact Materials	Silver Alloy
Options	Full Feature
Maximum Switching Voltage	300 V
Switching Current at Voltage (AC, Resistive)	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	1/2 hp at 120 VAC 3/4 hp at 250 VAC

Switching Current at Voltage (Pilot Duty)	B300
Minimum Switching Requirement	100 mA at 5VDC (0.5W)
Feature Options	Locking Push Button & Bi-Polar LED

## COIL CHARACTERISTICS

Operating Range - % of Nominal (AC)	85 to 110 %
Operating Range - % of Nominal (DC)	80 to 110 %
Average Consumption (AC)	1.5 VA
Average Consumption (DC)	1.4 W
Drop-out Voltage Threshold (AC)	15 %
Drop-out Voltage Threshold (DC)	10 %

## PERFORMANCE CHARACTERISTICS

Electrical Life (UL508), Operations at Rated Current (Resistive)	200000
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)	2500 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	3 g-n at 10-55 Hz
Shock Resistance	10 g-n
Degree of Protection	IP 40
Weight	60 G