

Magnecraft

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Item # 781XAXM4L-24A, 781 Ice Cube Relays / SPDT, 20 Amp Rating and Low Level (DC and AC)



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SPECIFICATIONS

Terminal Style	Plug in
Contact Configuration	SPDT
Thermal (Carrying) Current	20 A
Nominal Voltage	24 VAC 50/60 Hz
Control	AC
Coil Resistance	180 Ohm
Type	Standard
Contact Materials	Silver Alloy
Options	Full Feature
Maximum Switching Voltage	300 V
Switching Current at Voltage (AC, Resistive)	20 A at 120 V 50 / 60 Hz 20 A at 277 V 50 / 60 Hz
Switching Current at Voltage (DC, Resistive)	20 A at 28 V
Switching Current at Voltage	1 hp at 277 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	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)	0.9 VA
Average Consumption (DC)	0.7 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	3 g-n at 10-55 Hz
Shock Resistance	10 g-n
Degree of Protection	IP 40
Weight	29 G