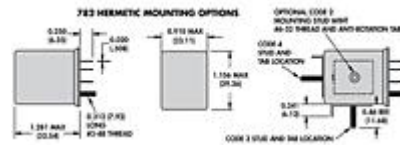


# Magnecraft

## Item # 782XDXH21-120A, 782H Hermetic Ice Cube Relays / DPDT, 4PDT, 1-5 Amp Rating



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### SPECIFICATIONS

Terminal Style	Plug-in
Contact Configuration	4PDT
Thermal (Carrying) Current	5 A
Control	AC
Coil Resistance	3900 Ohm
Load Type	Standard
Contact Materials	Silver Alloy
Maximum Switching Voltage	300 V
Switching Current at Voltage (AC, Resistive)	5 A at 120 V 50/60 Hz 5 A at 240 V 50/60 Hz
Switching Current at Voltage (DC, Resistive)	5 A at 30 V
Minimum Switching Requirement	100 mA at 5 VDC (0.5W)
Features	Hermetically sealed
Cover Options	Hermetically Sealed

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## COIL CHARACTERISTICS

Coil Voltage	120 VAC 50/60 Hz
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 %

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## 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)	1240 V(rms)
Dielectric Strength - Between Poles (AC)	1240 V(rms)
Dielectric Strength - Between Contacts (AC)	500 V(rms)

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## ENVIRONMENT

Product Certifications, Standard Version	CE CSA RoHS UL
Ambient Air Temperature around the Device - Storage	-40 to +85 °C
Ambient Air Temperature around the Device - Operation	-40 to +70 °C
Vibration Resistance - Operational	3 g-n at 10-55 Hz
Shock Resistance	10 g-n
Degree of Protection	IP 67
Weight	45 G

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