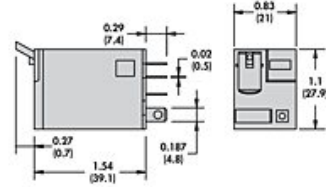


Item # 782XBXM4L-12D, 782 Ice Cube Relays / DPDT 15 Amp Rating



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Specifications

| | |
|---|--|
| Check Inventory | Check Distributor Inventory |
| Status | Standard |
| Terminal Style | Plug-in |
| Contact Configuration | DPDT |
| Thermal (Carrying) Current | 15 A |
| Coil Resistance (Ohms) | 160 Ohm |
| Load Type | Standard |
| Contact Materials | Silver Alloy |
| Maximum Switching Voltage (V) | 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 (HP) | 1 at 250 VAC hp 1/2 at 120 VAC hp |
| Pilot Duty | B300 |
| Minimum Switching Requirement | 100 mA at 5 VDC (0.5 W) |
| Cover Options | Full Featured |
| Features | Locking push button, Mechanical flag indicator, Removable ID tag, Bi-polar LED |

Coil Characteristics

| | |
|--|-------------|
| Coil Voltage | 12 VDC |
| Operating Range - % of Nominal (AC) | 85 to 110 % |
| Operating Range - % of Nominal (DC) | 80 to 110 % |
| Average Consumption (AC / VA) | 1.20 VA |
| Average Consumption (DC / W) | 0.90 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) |

Environment

| | |
|---|-------------------|
| 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 |

Product Certifications

| | |
|------------------|--|
| Agency Approvals | CSA (LR40787) UL (E43641) CE RoHS |
|------------------|--|