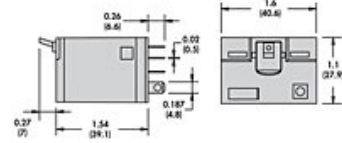


**Item # 784XDXM4L-12D, 784 Ice Cube Relays / 4PDT, 15 Amp Rating**



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**Specifications**

|  |  |
|--|--|
| Check Inventory                              | <a href="#">Check Distributor Inventory</a>                                    |
| Status                                       | Standard   |
| Terminal Style                               | Plug-in  |
| Contact Configuration                        | 4PDT   |
| Thermal (Carrying) Current                   | 15 A   |
| Coil Resistance (Ohms)                       | 96 Ohm   |
| Load Type                                    | Standard   |
| Contact Materials                            | Silver Alloy   |
| Maximum Switching Voltage (V)                | 300 V  |
| Switching Current at Voltage (AC, Resistive) | 12 A at 277 V 50/60 Hz<br>15 A at 120 V 50/60 Hz                               |
| Switching Current at Voltage (DC, Resistive) | 12 A at 28 V   |
| Switching Current at Voltage (HP)            | 1/2 at 120 VAC hp<br>3/4 at 250 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)       | 2 VA        |
| Average Consumption (DC / W)        | 1.50 W      |
| Drop-out Voltage Threshold (AC)     | 15 %        |

|  |      |
|--|------|
| <b>Drop-out Voltage Threshold (DC)</b> | 10 % |
|--|------|

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### Performance Characteristics

|   |             |
|---|-------------|
| <b>Electrical Life (UL508), Operations at Rated Current (Resistive)</b> | 200000      |
| <b>Mechanical Life, Unpowered</b>                                       | 10000000    |
| <b>Operating Time (Response Time)</b>                                   | 20 ms       |
| <b>Dielectric Strength - Between Coil and Contact (AC)</b>              | 2500 V(rms) |
| <b>Dielectric Strength - Between Poles (AC)</b>                         | 2500 V(rms) |

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### Environment

|  |                   |
|--|-------------------|
| <b>Ambient Air Temperature around the Device - Storage</b>   | -40 to +85 C      |
| <b>Ambient Air Temperature around the Device - Operation</b> | -40 to +55 C      |
| <b>Vibration Resistance - Operational</b>                    | 3 g-n at 10-55 Hz |
| <b>Shock Resistance</b>                                      | 10 g-n            |
| <b>Degree of Protection</b>                                  | IP 40             |

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### Product Certifications

|                         |  |
|-------------------------|--|
| <b>Agency Approvals</b> | CSA (LR40787)<br>UL (E43641)<br>CE<br>RoHS |
|-------------------------|--|