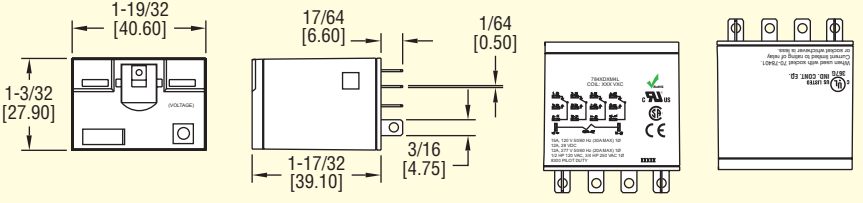
Series
784

# 4PDT Ice Cube Relays

## 15 Amp, 4PDT Operation

Picture shown with socket accessory
(sold separately)




**The Series 784 Electromechanical Ice Cube Relay** is a full featured 4PDT relay that can be used to handle loads up to 15 amps for AC or DC circuits. Utilizing the same trigger, this relay can be used in underground parking garage applications to signal audible and visual alarms for high levels of carbon monoxide, while opening the dampers and starting the exhaust fans. It features a flag status indicator and a LED status lamp to let the user know when the relay is activated. In order to differentiate between AC and DC actuated models, the push-to-test button is color-coded. For testing the operation, a removable lock-down lever holds the test button in place. The clear plastic housing gives a view of the contacts and there is a removable I.D tag for labeling the circuit.

| AC Operated Model | Input Voltage | Coil Resistance |
|---|---|---|
| **784XDXM4L-24A** | 24 VAC 50/60 Hz | 84.5 Ω |
| **784XDXM4L-120A** | 120 VAC 50/60 Hz | 2220 Ω |
| **DC Operated Model** | **Input Voltage** | **Coil Resistance** |
| **784XDXM4L-24D** | 24 VDC | 388 Ω |

**SPECIFICATIONS**

**Operating and Load Voltage Range:** 24 to 120 VAC; 24 VDC.
**Electrical Connection:** Silver alloy plug-in contacts.
**Switching Operation:** 4PDT.
**Electrical Rating:** 15 A @ 120 VAC 50/60Hz; 12 A @ 277 VAC 50/60 Hz or 28 VDC.
**Temperature Limits:** Storage: -40 to 185°F (-40 to 85°C); Operation: -40 to 131°F (-40 to 55°C).
**Power Consumption:** 1.5 VA; 1.5 W.
**Cycle Life:** 200,000 cycles (electrical); 10,000,000 cycles (mechanical).
**Housing:** Plastic polycarbonate.
**Weight:** 2.8 oz (80 g).
**Agency Approvals:** CE, CSA, RoHS, cUL, UL, cUR, UR.

**ACCESSORIES**

**70-784D14-1,** Socket for 784 Series Relay
**70-ASMM-24,** Protection Modules, MOV Suppressor, 24 VAC/VDC
**70-ASMM-120,** Protection Modules, MOV Suppressor,120 VAC/VDC
**70-ASMD-250,** Protection Modules, Protection Diode, 6 to 250 VDC
**16-750/788CBJ-1,** Coil Bus Jumpers