



SERIES 788

DPDT, 3PDT SQUARE BASE POWER RELAY

FEATURES

- FLAG INDICATOR:** SHOWS RELAY STATUS IN MANUAL OR POWERED CONDITION.
- L.E.D. STATUS LAMP:** SHOWS COIL "ON" OR "OFF" STATUS. IDEAL IN LOW LIGHT CONDITIONS.
- PUSHBUTTON:** ALLOWS FOR MANUAL OPERATION OF RELAY WITHOUT THE NEED FOR COIL POWER. IDEAL FOR FIELD SERVICE PERSONNEL TO TEST CONTROL CIRCUITS.
- LOCK-DOWN DOOR:** WHEN ACTIVATED, HOLDS PUSH BUTTON AND CONTACTS IN THE OPERATE POSITION. EXCELLENT FOR ANALYZING CIRCUIT PROBLEMS.
- FINGER-GRIP COVER:** ALLOWS OPERATOR TO REMOVE RELAYS FROM SOCKETS MORE EASILY THAN CONVENTIONAL RELAYS.
- I.D. TAG/WRITE LABEL:** USED FOR IDENTIFICATION OF RELAYS IN MULTI-RELAY CIRCUITS.

BENEFITS



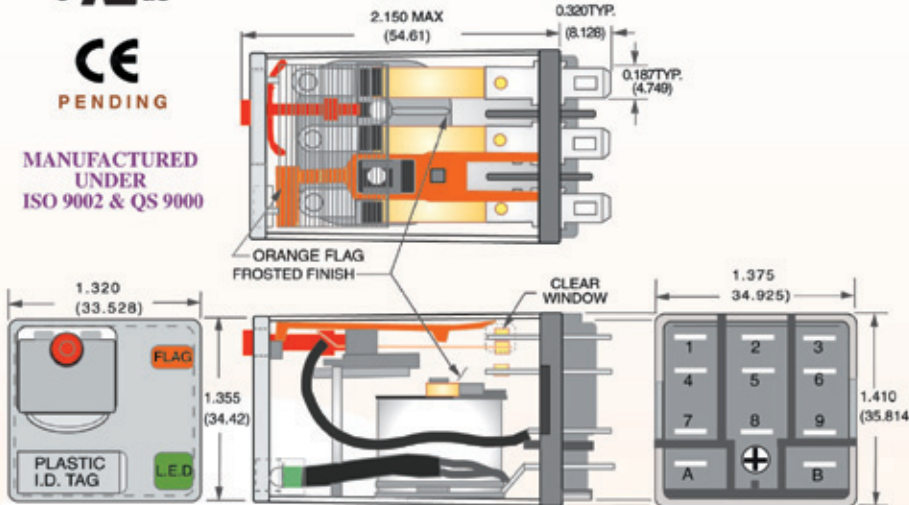
UL RATED 12 AMPS



MANUFACTURED UNDER ISO 9002 & QS 9000

OUTLINE DIMENSIONS

DIMENSIONS SHOWN IN INCHES & (MILLIMETERS).



GENERAL SPECIFICATIONS

COIL

- Pull-in Voltage:** 80% of nominal voltage or less for DC coils.
85% of Nominal Voltage or less for AC coils.
- Dropout Voltage:** 10% of Nominal Voltage or more.
- Resistance:** ±10% Measured @ 25°C.
- Coil power:** 1.2 Watts for DC coils, 2 VA to 2.75 VA for AC coils.
- Insulation System:** Class "B" (130°C per UL std.1446).
- Maximum Coil Dissipation:** Capability of DC coils 3.0 Watts max. Continuous

CONTACTS

- Contact Material:** 0.187" Solid Silver cadmium oxide. (Gold Flashed)
- Contact Resistance:** 50 Milliohms maximum @ 10 Amps, 120VAC or 24 VDC Contacts conditioned for 50 make and break operations @ 1 second "ON" & 1 second "OFF"
- Contact Rating:** 12Amp, 120/240 VAC, 28 VDC, 1/3Hp 120 VAC, 1/2Hp 240 VAC.

DIELECTRIC STRENGTH

- Contacts to Coil:** 2000 V rms
- Across open Contacts:** 500 V rms
- Pole to Pole:** 2000 V rms
- Contacts to Frame:** 2000 V rms
- Insulation Resistance:** 1000 megohms @ 500 VDC.

TEMPERATURE

- Operating:** -30°C to +50°C.(AC), -30°C +60°C.(DC)
- Storage:** -30°C to +100°C

LIFE EXPECTANCY

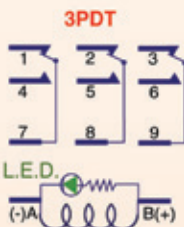
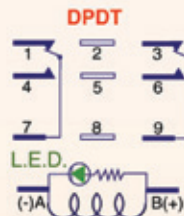
- Electrical:** 200,000 Operations @ Rated AC load
- Mechanical:** 5,000,000 Operations @ No load

MISCELLANEOUS

- Operating Position:** Any
- Insulation Material:** Molded plastic.
- Enclosure:** Polycarbonate dust cover
- Terminals:** 0.187" Q.C. plug - in blind terminal
- Weight:** 3.1 oz. 88 g approx.

ORDERING CODE

- Series:** 788 XBX CM4L-120A
- Enclosed Power relay with flag indicator & I.D. tag.
- Contact Arrangement:**
- XBX - (DPDT)
 - XCX - (3PDT)
- Terminal Style:**
- Q.C./plug-in (Biade) terminals - No Code
 - Printed Circuit terminals - Code - T
- Standard Features:**
- Push Button & Lock down door.
 - Green L.E.D. Lamp Indicator.
- Coil Voltage:**
- 6(4.2Ω), 12(18Ω), 24(72Ω), 120(1.7KΩ), 220/230(9KΩ), 240(9.1KΩ)
- Add A for VAC Coils**
- 6(32Ω), 12(120Ω), 24(470Ω), 48(1.8KΩ), 110(10KΩ)
- Add D for VDC Coils**



OBSERVE POLARITY ON DC COIL

MATING SOCKETS AVAILABLE