

AVAILABLE
Q-2 99

BENEFITS:

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.

PUSH BUTTON: ALLOWS FOR MANUAL OPERATION OF RELAY WITHOUT THE NEED FOR COIL POWER. IDEAL FOR FIELD SERVICE PERSONNEL TO TEST CONTROL CIRCUITS.

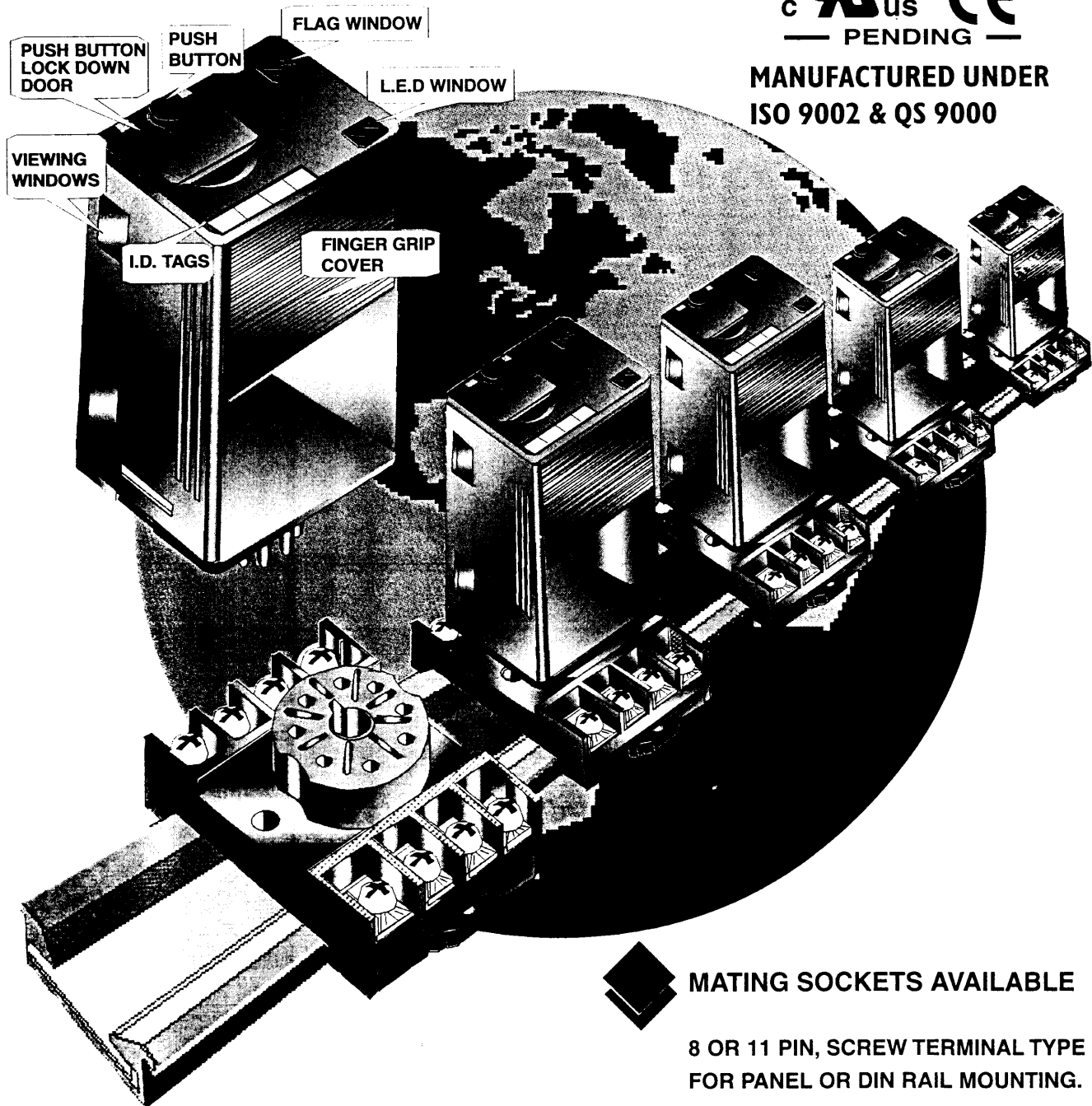
LOCK-DOWN DOOR: WHEN ACTIVATED, HOLDS PUSH BUTTON AND CONTACTS IN THE OPERATE POSITION. EXCELLENT FOR ANALYZING CIRCUIT PROBLEMS.

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.

c  us 
— PENDING —

MANUFACTURED UNDER
ISO 9002 & QS 9000



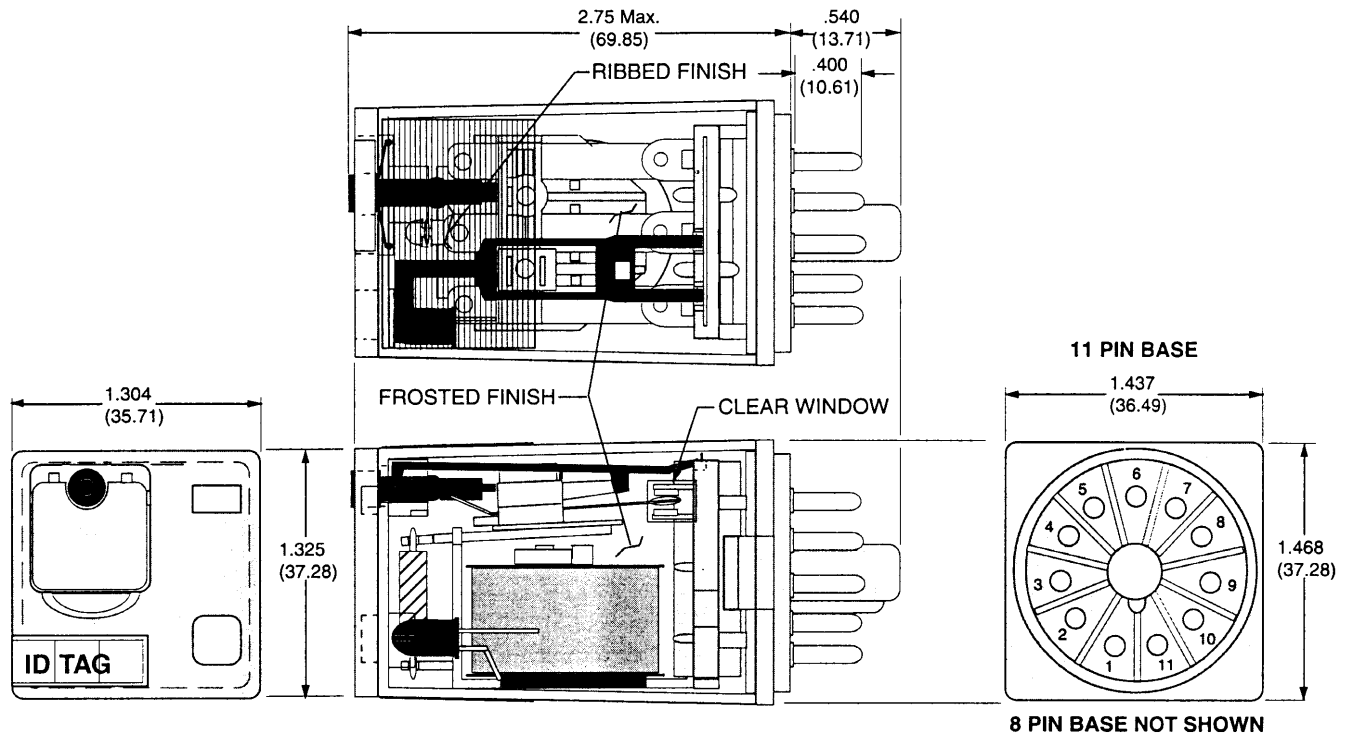
MATING SOCKETS AVAILABLE

8 OR 11 PIN, SCREW TERMINAL TYPE
FOR PANEL OR DIN RAIL MOUNTING.

OUTLINE DIMENSIONS

SOLDER/PLUG-IN TERMINAL STYLE

DIMENSIONS SHOWN IN INCHES & (MILLIMETERS).



GENERAL SPECIFICATIONS

Coil Pull-in: DC - 80%, AC - 85% of Nominal voltage.
 Coil Dropout: 10% of nominal or more.
 Insulation System: Class "B" (130°C per UL std. 1446).
 Maximum Coil dissipation: DC coils - 3 Watts.

Contacts: Silver Cadmium Oxide, Gold flashed.
 Contact Rating:
 DPDT - 12Amp, 120/240 VAC,
 3PDT - 10Amp, 120/240VAC, 50/60Hz, 28 VDC.

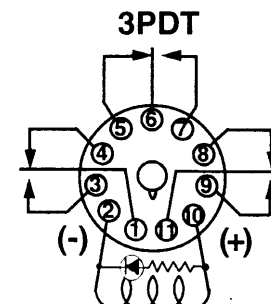
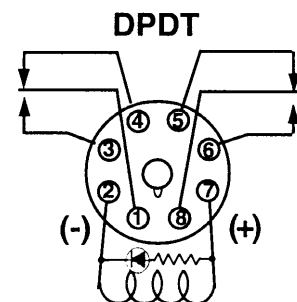
Dielectric withstanding Voltage
 Across Open Contacts: 500 V rms
 Between Current Carrying Parts: 1500 V rms

Temperature
 Operating: (AC) -45°C - +55°C, (DC) -45°C - +70°C

Terminals: 8 OR 11 Pin Octal Style.
 Enclosure: Polycarbonate dust cover.

WIRING DIAGRAM

VIEWED FROM PIN END



L.E.D. LAMPS OPTIONAL

RELAY PART NUMBERS

PART NUMBERS FOR DPDT

PART NUMBERS	Coil measured @ 25°C	
	Nominal Input Voltage	Nominal Resistance (Ohms)
AC COIL - 8 PIN OCTAL STYLE		
750XBXC4-24A	24 VAC, 50/60 Hz	72 Ω
750XBXC4-120A	120 VAC, 50/60Hz	1,700 Ω
750XBXC4-220/230A	220/230 VAC, 50 Hz	9,000 Ω
750XBXC4-240A	240 VAC, 50/60Hz	9,100 Ω
DC COIL - 8 PIN OCTAL STYLE		
750XBXC4-110D	110 VDC	10,000 Ω
750XBXC4-24D	24 VDC	470 Ω
750XBXC4-12D	12 VDC	120 Ω

PART NUMBERS FOR 3PDT

PART NUMBERS	Coil measured @ 25°C	
	Nominal Input Voltage	Nominal Resistance (Ohms)
AC COIL - 11 PIN OCTAL STYLE		
750XCXC4-24A	24 VAC, 50/60 Hz	72 Ω
750XCXC4-120A	120 VAC, 50/60Hz	1,700 Ω
750XCXC4-220/230A	220/230 VAC, 50 Hz	9,000 Ω
750XCXC4-240A	240 VAC, 50/60Hz	9,100 Ω
DC COIL - 11 PIN OCTAL STYLE		
750XCXC4-110D	110 VDC	10,000 Ω
750XCXC4-24D	24 VDC	470 Ω
750XCXC4-12D	12 VDC	120 Ω

STOCK PART NUMBERS SHOWN ABOVE. OTHER COIL VOLTAGES AVAILABLE.

Magnecraft & Struthers-Dunn

ORDERING CODE

750
XBXC
M4 - 120A

Series
Enclosed Power relay with flag indicator.

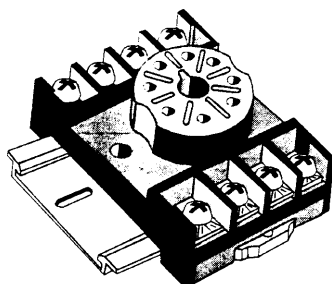
Contact Arrangement
XBX (DPDT) 8 pin Base
XCX (3PDT) 11 pin Base

Options
L.E.D. Lamp Indicator - Code - L
PUSH BUTTON - CODE - M
PUSH BUTTON with LOCK DOWN DOOR - CODE - M4

Coil Voltage
6, 12, 24, 120, 220/230, 240 Add A for VAC Coils
6, 12, 24, 48, 110 Add D for VDC Coils

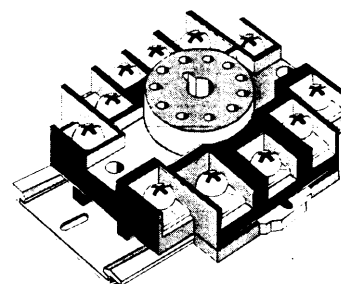
MATING SOCKETS

SOCKET PART NUMBERS LISTED BELOW.
RATED: 15 AMPS, 300 VAC



70-464-1 8 PIN OCTAL SOCKET

**SCREW TERMINAL SOCKETS,
DIN RAIL/PANEL MOUNT**



70-465-1 11 PIN SOCKET