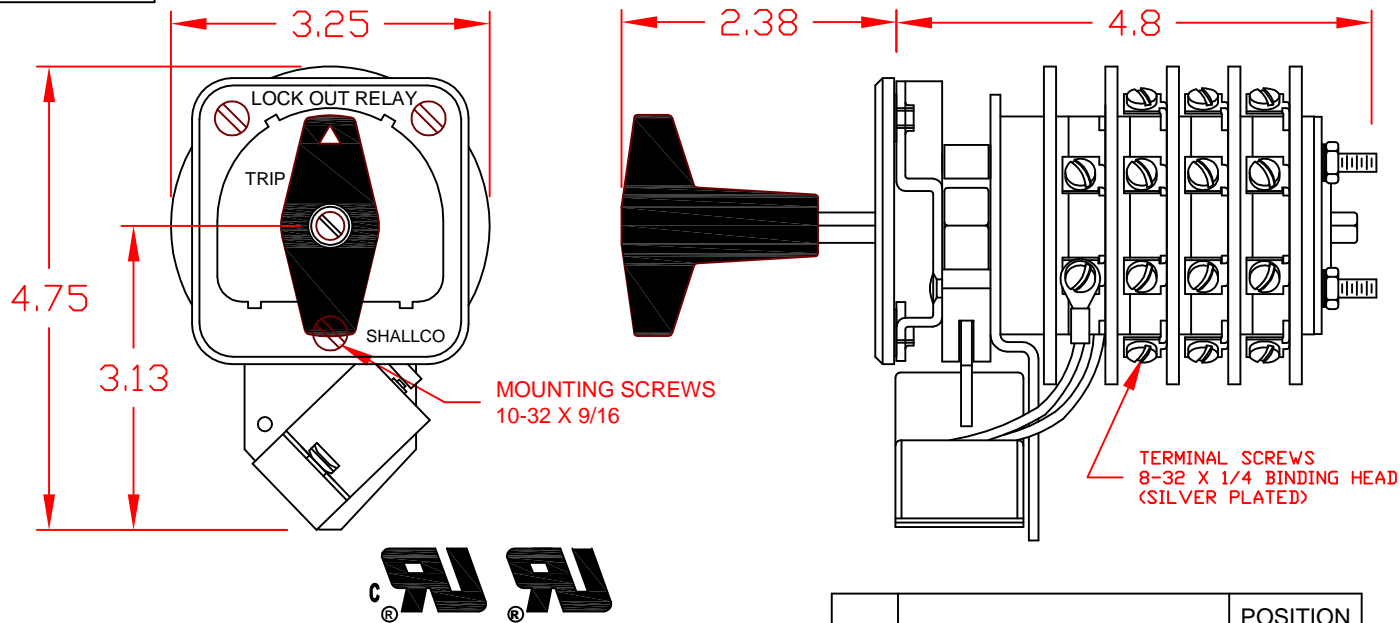


# 7603E



**SPECIFICATIONS:**

NO. OF POSITIONS: 2, TRIP AND RESET

NO. OF SECTIONS: 3

CONTACTS: 2 NORMALLY OPEN  
2 NORMALLY CLOSED  
PER DECK

ACTION: 45° POSITIVE TRIP DETENT

STATIONARY CONTACTS : SILVER OVER COPPER

NAMEPLATE: AS SHOWN

**COIL SPECIFICATIONS:**

OPERATING VOLTAGE: 125 VDC

THRESHOLD VOLTAGE: 23VDC

OPERATING RANGE: 45 - 140 VDC

CURRENT AT RATED VOLTAGE: 2.5 AMPS

**ELECTRICAL RATINGS:**

25 A/120 VAC 20A/600 VAC RESISTIVE

15 A/600 VAC 1A/ 250 VDC

3 A/125 VDC

**OVERLOAD CURRENT (50 OPERATIONS):**

95 A/120 VAC

65 A/240 VAC

35 A/600 VAC

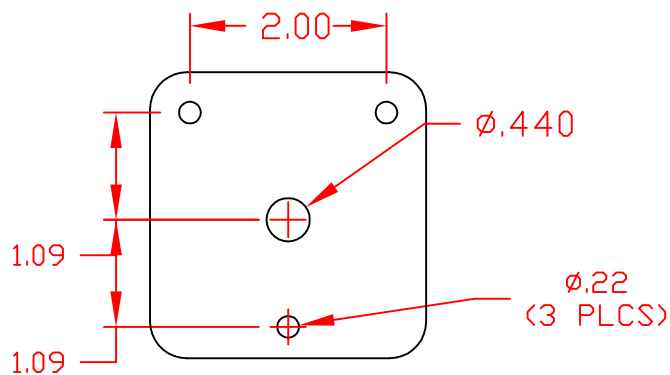
DIELECTRIC STRENGTH: 2200 VRMS

INSULATION RESISTANCE: 100 MEGOHMS INITIAL

CONTACT RESISTANCE: 10 MILLIOHMS MAX. INITIAL

DECK	CONTACTS	POSITION	
		TRIP	RESET
1	11 —  —   — 13		X
	12 —  —   — 18	X	
	15 —  —   — 17		X
	16 —  —   — 14	X	
2	21 —  —   — 23		X
	22 —  —   — 28	X	
	25 —  —   — 27		X
	26 —  —   — 24	X	
3	31 —  —   — 33		X
	32 —  —   — 38	X	
	35 —  —   — 37		X
	36 —  —   — 34	X	

**NAMEPLATE AND PANEL DRILLING DIMENSIONS**



**LOCK-OUT RELAY SPECIFICATION SHEET**

**7603E**



308 COMPONENTS DRIVE  
SMITHFIELD, NC 27577 USA

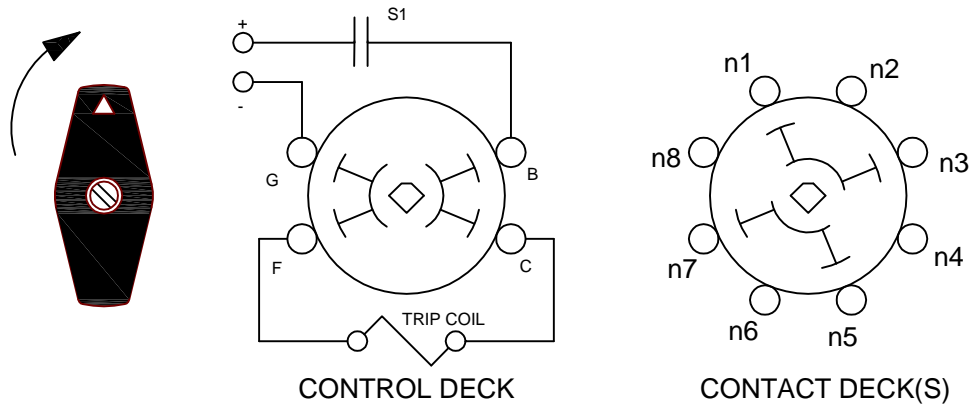
ADDITIONAL INFO ON BACK

LOCK-OUT RELAYS (LOR)

GENERAL OPERATION:

THE HANDLE OF THE LOR MUST BE MANUALLY ROTATED CLOCKWISE TO PLACE THE UNIT IN THE "RESET" POSITION (SEE FIGURE A)

FIGURE A - RESET POSITION



WHEN A PREDETERMINED CONDITION EXISTS, A SIGNAL WILL BE SENT TO S1 WHICH WILL ACTIVATE THE COIL AND CAUSE THE LOR TO "TRIP". THE "B" AND "G" CONTACTS ON THE CONTROL DECK PROVIDE THE CONNECTION TO THE CONTROL CIRCUIT THROUGH S1 WHICH CAN BE A CONTACT OF ANY TYPE I.E. SWITCH, RELAY.... THE LOR CONTACTS IN FIGURE "B" ARE IN THE "TRIPPED" POSITION.

THE LOR WILL REMAIN IN THE "TRIPPED" POSITION UNTIL MANUALLY RESET.

FIGURE B - TRIP POSITION

