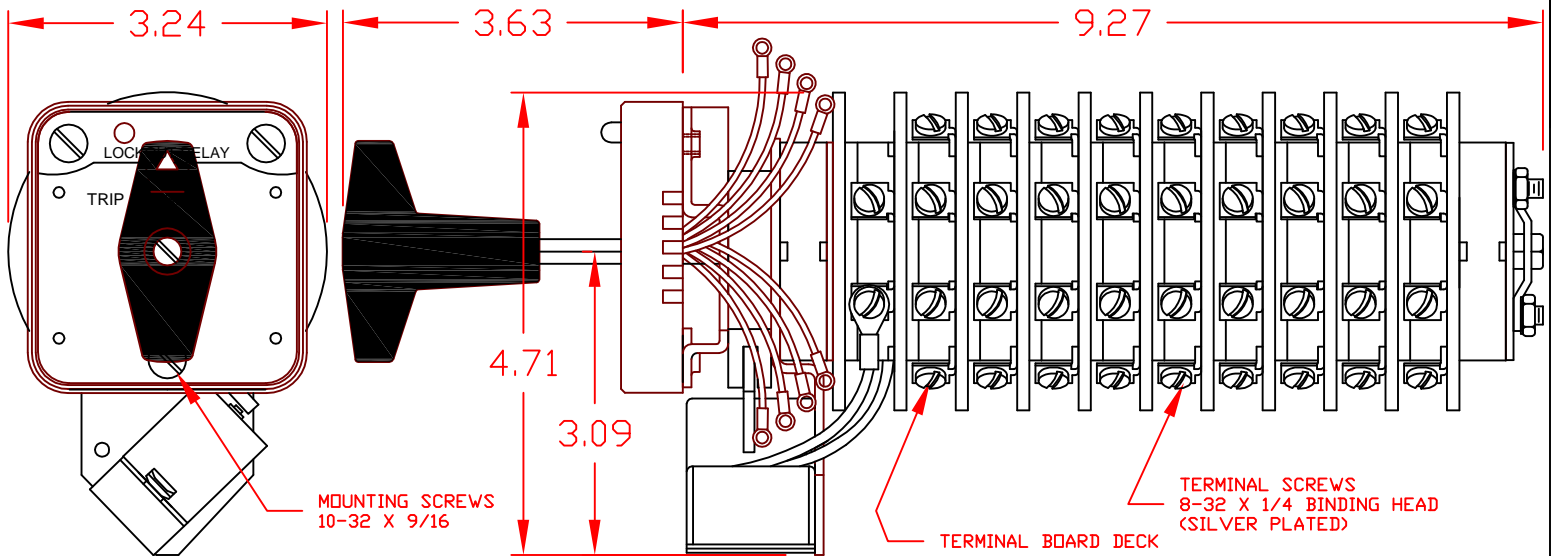


# 7608D 125VDCAXC



**SPECIFICATIONS:**

NO. OF POSITIONS: 2, TRIP AND RESET

NO. OF SECTIONS: 8

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: 16 VDC

OPERATING RANGE: 30 - 140 VDC

CURRENT AT RATED VOLTAGE: 4.6



**ELECTRICAL RATINGS:**

25A/120 VAC

15A/600 VAC

20A/600 VAC (RESISTIVE)

3A/125 VDC

1A/250 VDC

**OVERLOAD CURRENT**

(50 OPERATIONS):

95 A/120 VAC

65 A/240 VAC

35 A/600 VAC

**DIELECTRIC STRENGTH:**

2200 VRMS

**INSULATION RESISTANCE:**

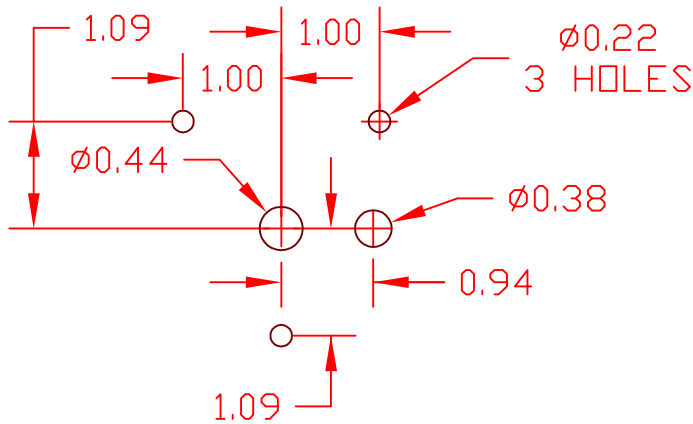
100 MEGOHMS INITIAL

**CONTACT RESISTANCE:**

10 MILLIOHMS MAX. INITIAL

DECK	CONTACTS	POSITION	
		TRIP	RESET
1	11 ◯       ◯ 13		X
	12 ◯       ◯ 18	X	
	15 ◯       ◯ 17	X	X
	16 ◯       ◯ 14	X	X
2	21 ◯       ◯ 23		X
	22 ◯       ◯ 28	X	X
	25 ◯       ◯ 27	X	X
3	26 ◯       ◯ 24	X	X
	31 ◯       ◯ 33		X
	32 ◯       ◯ 38	X	X
	35 ◯       ◯ 37	X	X
4	36 ◯       ◯ 34	X	X
	41 ◯       ◯ 43		X
	42 ◯       ◯ 48	X	X
	45 ◯       ◯ 47	X	X
5	46 ◯       ◯ 44	X	X
	51 ◯       ◯ 53		X
	52 ◯       ◯ 58	X	X
	55 ◯       ◯ 57	X	X
6	56 ◯       ◯ 54	X	X
	61 ◯       ◯ 63		X
	62 ◯       ◯ 68	X	X
	65 ◯       ◯ 67	X	X
7	66 ◯       ◯ 64	X	X
	71 ◯       ◯ 73		X
	72 ◯       ◯ 78	X	X
	75 ◯       ◯ 77	X	X
8	76 ◯       ◯ 74	X	X
	81 ◯       ◯ 83		X
	82 ◯       ◯ 88	X	X
	85 ◯       ◯ 87	X	X
	86 ◯       ◯ 84	X	X

**MOUNTING HOLE DETAIL**



CUSTOMER REFERENCE:: TERMINAL SCREW TIGHTENING TORQUE: : 8 IN-LBS.

**LOCK-OUT RELAY SPECIFICATION SHEET**

**7608D 125VDCAXC**



308 COMPONENTS DRIVE  
SMITHFIELD, NC 27577 USA

REV. A

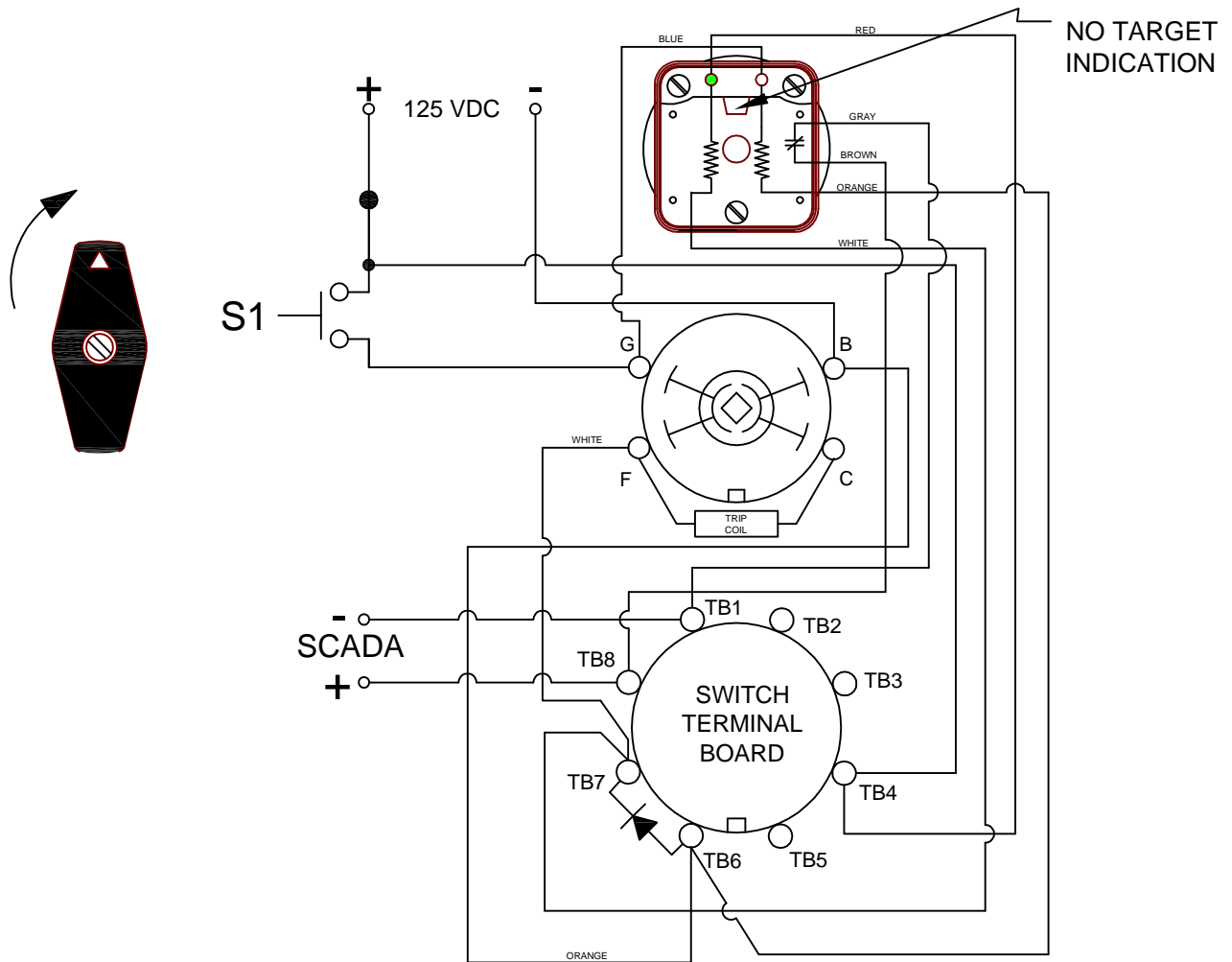
PAGE 1 OF 5

## 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

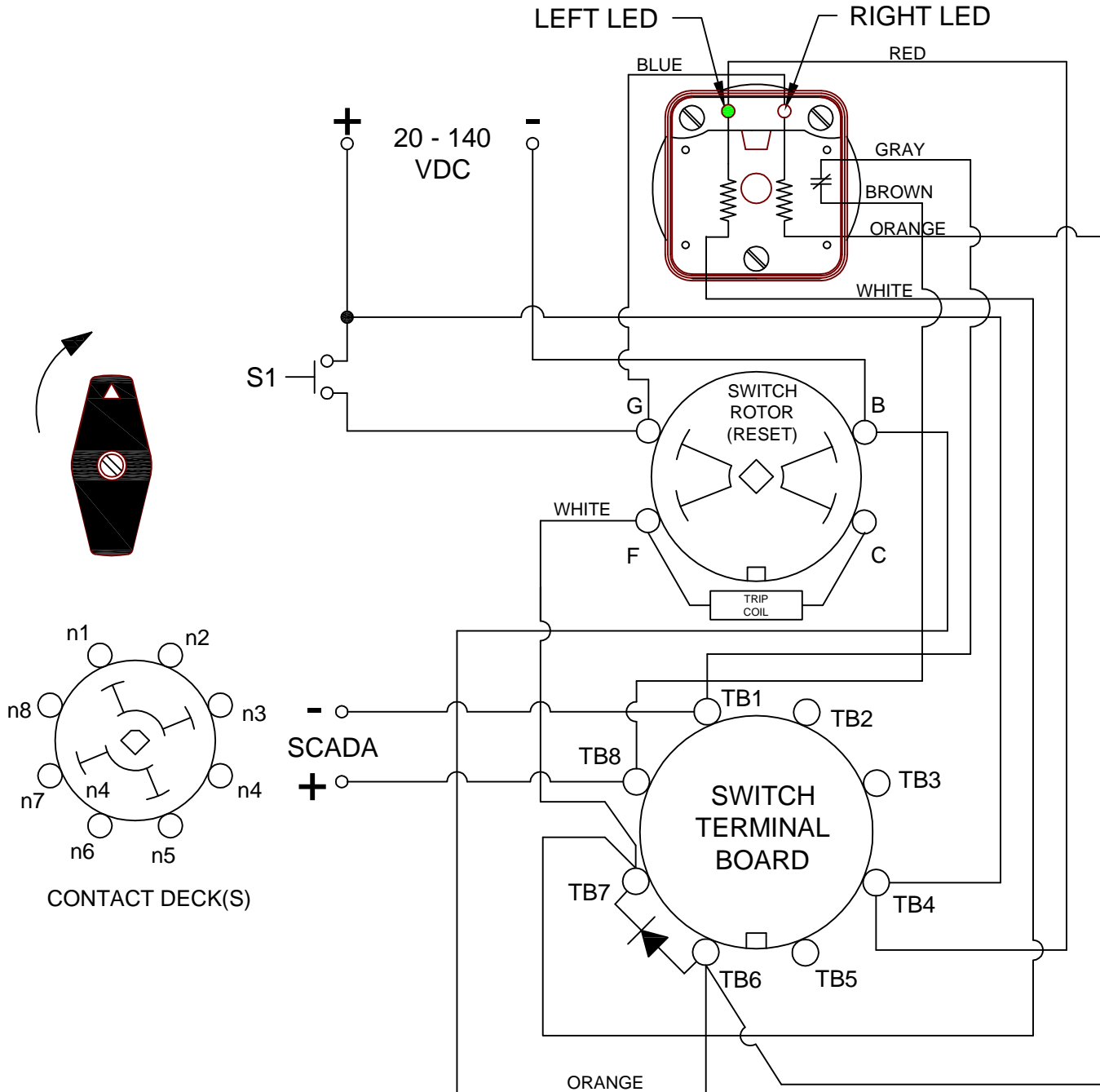


# 7608D 125VDCAXC

## LED INDICATION

CONDITION #1	
ROTOR	RESET (AS SHOWN)
SWITCH 1 (S1)	OPEN

RESULT	
LEFT LED	ON
RIGHT LED	OFF
SCADA CIRCUIT (TRIP COIL MONITOR)	OPEN



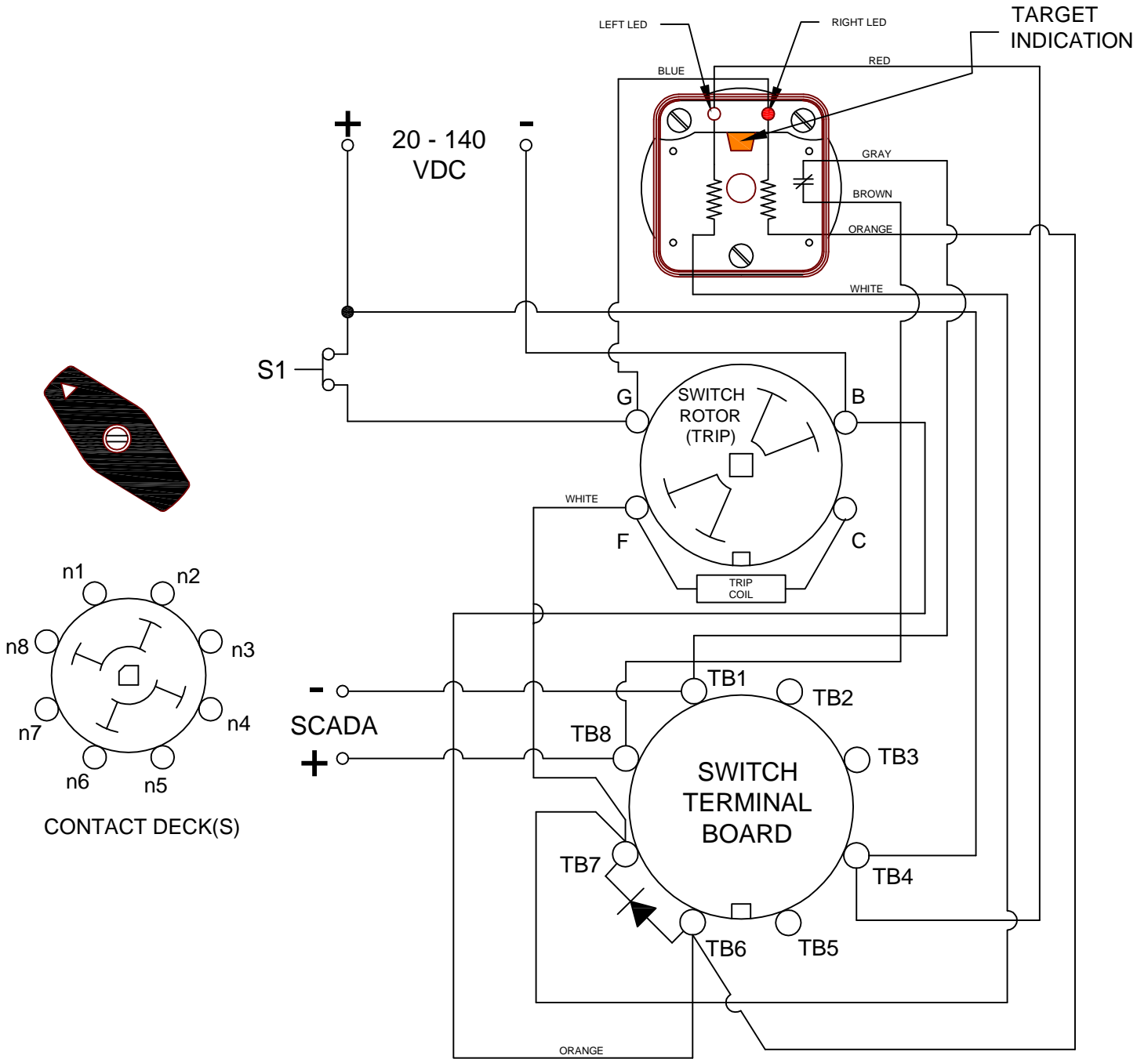
# 7608D 125VDCAXC

## LED INDICATION

CONDITION #2	
ROTOR	RESET (AS SHOWN)
SWITCH 1 (S1)	CLOSED

RESULT	
LEFT LED	OFF
RIGHT LED	ON
SCADA SWITCH	CLOSED

WHEN S1 CLOSSES, THE COIL CAUSES A MECHANICAL ROTATION OF THE RELAY RESULTING IN THE SWITCH ROTOR ADVANCE TO THE "TRIP" POSITION SHOWN



## LOCK-OUT RELAY SPECIFICATION SHEET

7608D 125VDCAXC

## LED INDICATION

CONDITION #2	
ROTOR	RESET (AS SHOWN)
SWITCH 1 (S1)	OPEN

RESULT	
LEFT LED	OFF
RIGHT LED	OFF
SCADA SWITCH	CLOSED

WHEN S1 CLOSSES, THE COIL CAUSES A MECHANICAL ROTATION OF THE RELAY RESULTING IN THE SWITCH ROTOR ADVANCE TO THE "TRIP" POSITION SHOWN

