

**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 / 120 VAC

THRESHOLD VOLTAGE: 16 VDC / 20 VAC

OPERATING RANGE: 30 - 140 VDC / 30 - 140 VAC

CURRENT AT RATED VOLTAGE: 4.6 / 4.4 AMPS

**ELECTRICAL RATINGS:**

25 A/120 VAC 3 A/ 125 VDC

15 A/240 VAC 1 A/ 250 VDC

6 A/600 VAC

**OVERLOAD CURRENT**

(50 OPERATIONS):

95 A/120 VAC

65 A/240 VAC

35 A/600 VAC

**DIELECTRIC STRENGTH:**

2200 VRMS

**INSULATION RESISTANCE:**

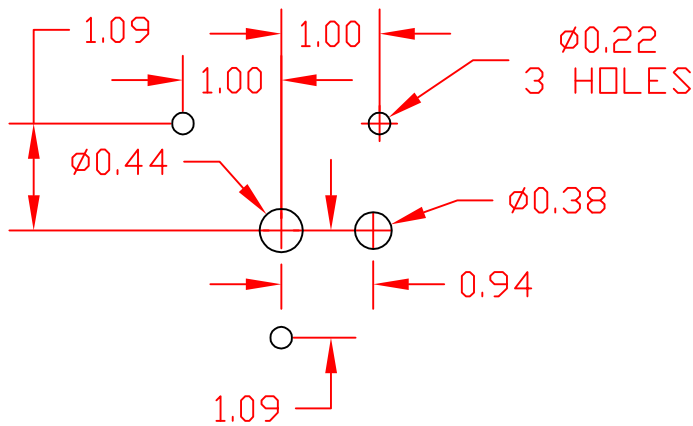
100 MEGOHMS INITIAL

**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
3	26 ◯ —    — ◯ 24	X	
	31 ◯ —    — ◯ 33		X
	32 ◯ —    — ◯ 38	X	
	35 ◯ —    — ◯ 37		X
4	36 ◯ —    — ◯ 34	X	
	41 ◯ —    — ◯ 43		X
	42 ◯ —    — ◯ 48	X	
	45 ◯ —    — ◯ 47		X
5	46 ◯ —    — ◯ 44	X	
	51 ◯ —    — ◯ 53		X
	52 ◯ —    — ◯ 58	X	
	55 ◯ —    — ◯ 57		X
6	56 ◯ —    — ◯ 54	X	
	61 ◯ —    — ◯ 63		X
	62 ◯ —    — ◯ 68	X	
	65 ◯ —    — ◯ 67		X
7	66 ◯ —    — ◯ 64	X	
	71 ◯ —    — ◯ 73		X
	72 ◯ —    — ◯ 78	X	
	75 ◯ —    — ◯ 77		X
8	76 ◯ —    — ◯ 74	X	
	81 ◯ —    — ◯ 83		X
	82 ◯ —    — ◯ 88	X	
	85 ◯ —    — ◯ 87		X
	86 ◯ —    — ◯ 84	X	

**MOUNTING HOLE DETAIL**

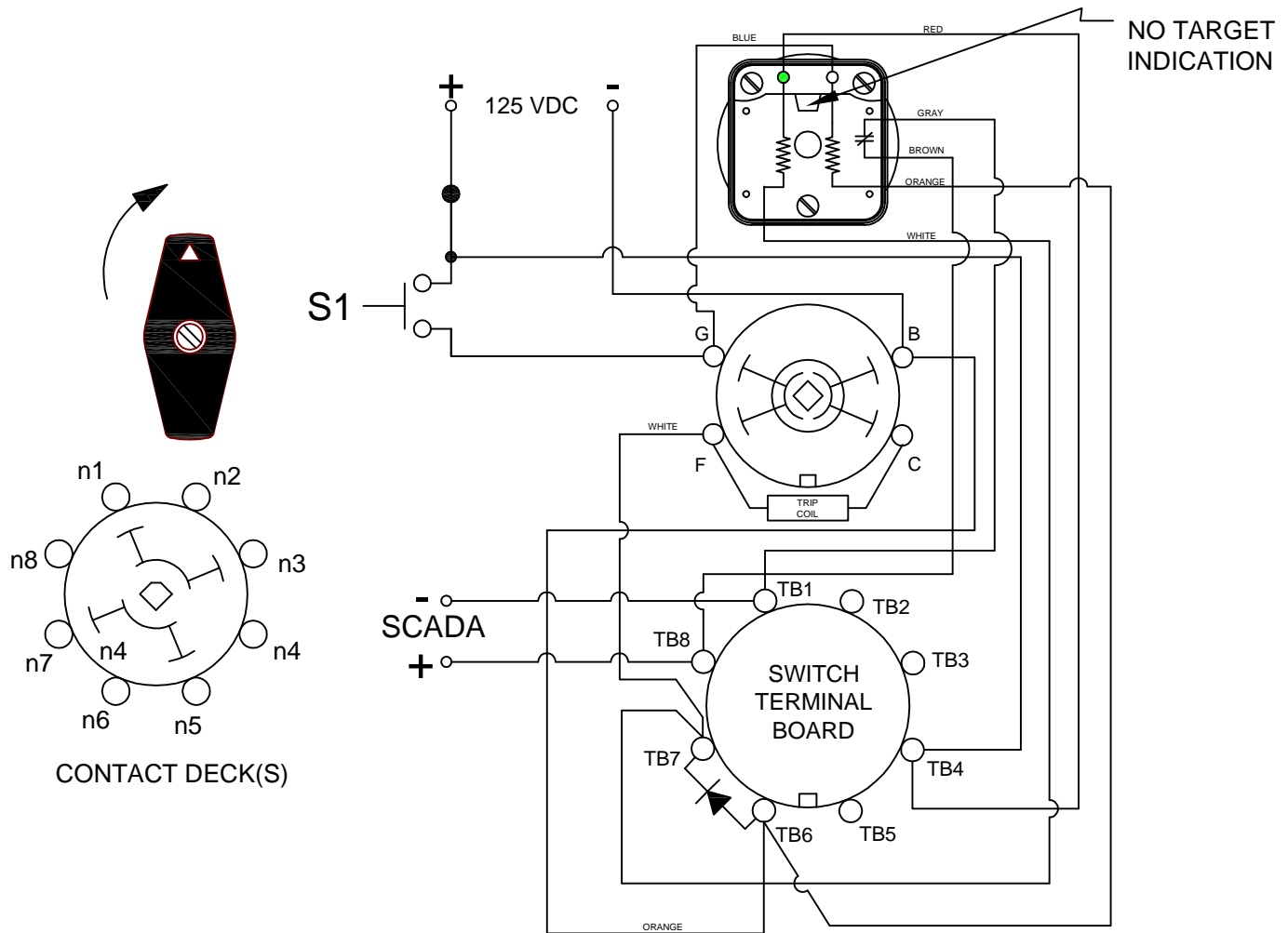


LOCK-OUT RELAYS (LOR)

GENERAL OPERATION:

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

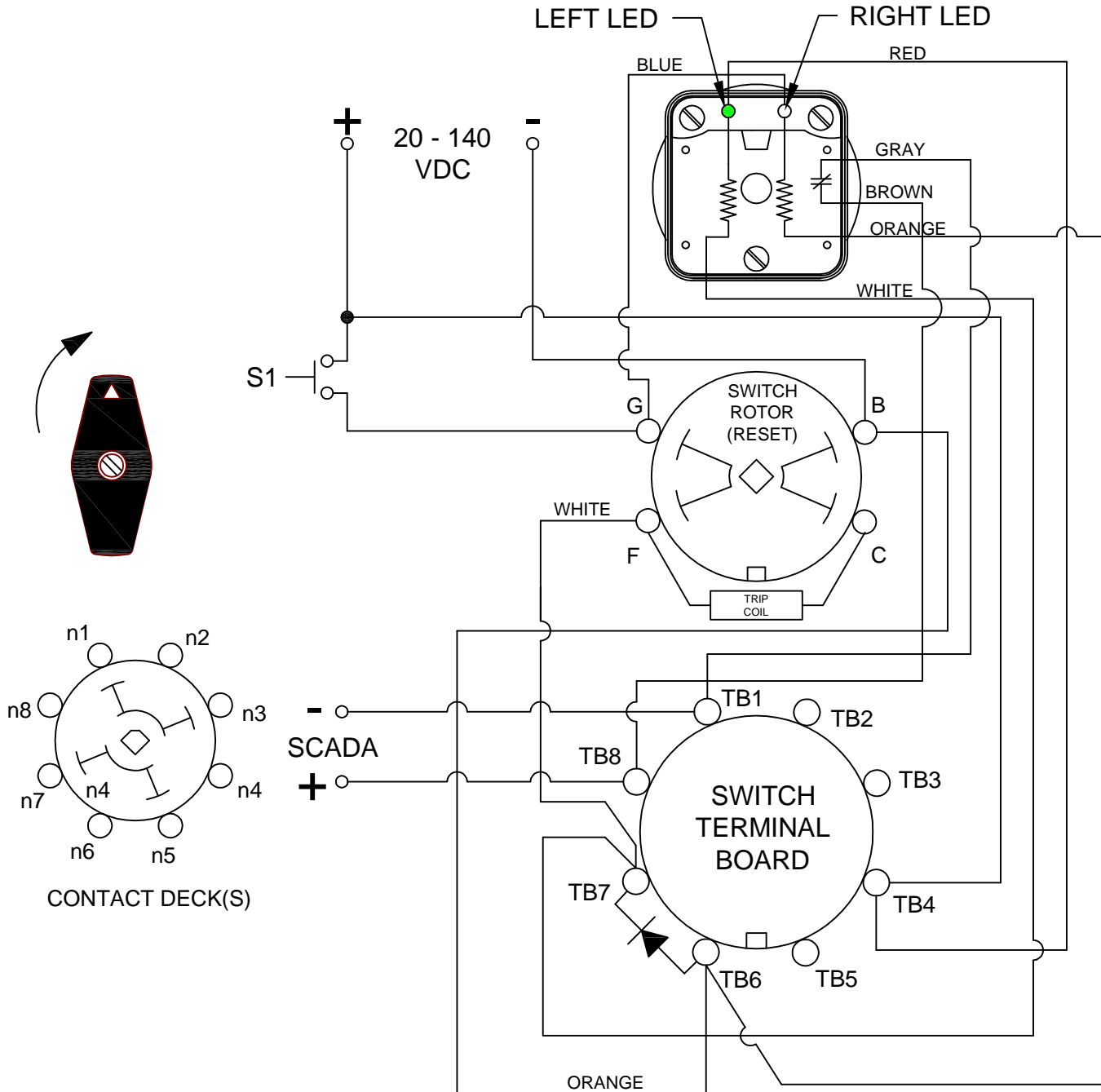
FIGURE A - RESET POSITION



## 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





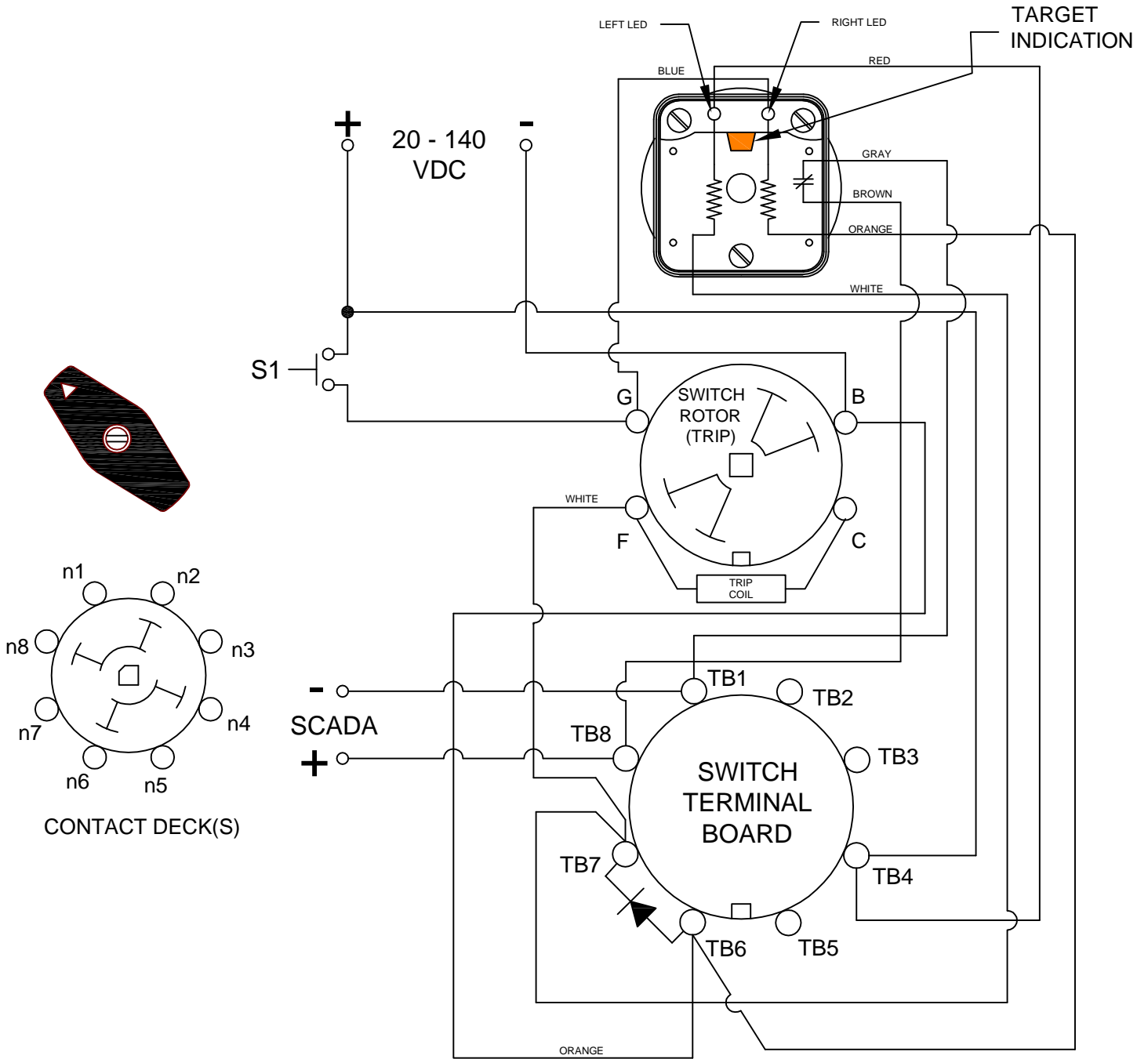
# 7608D 125VDCCXB

## 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



## LOCK-OUT RELAY SPECIFICATION SHEET

# 7608D 125VDCCXB