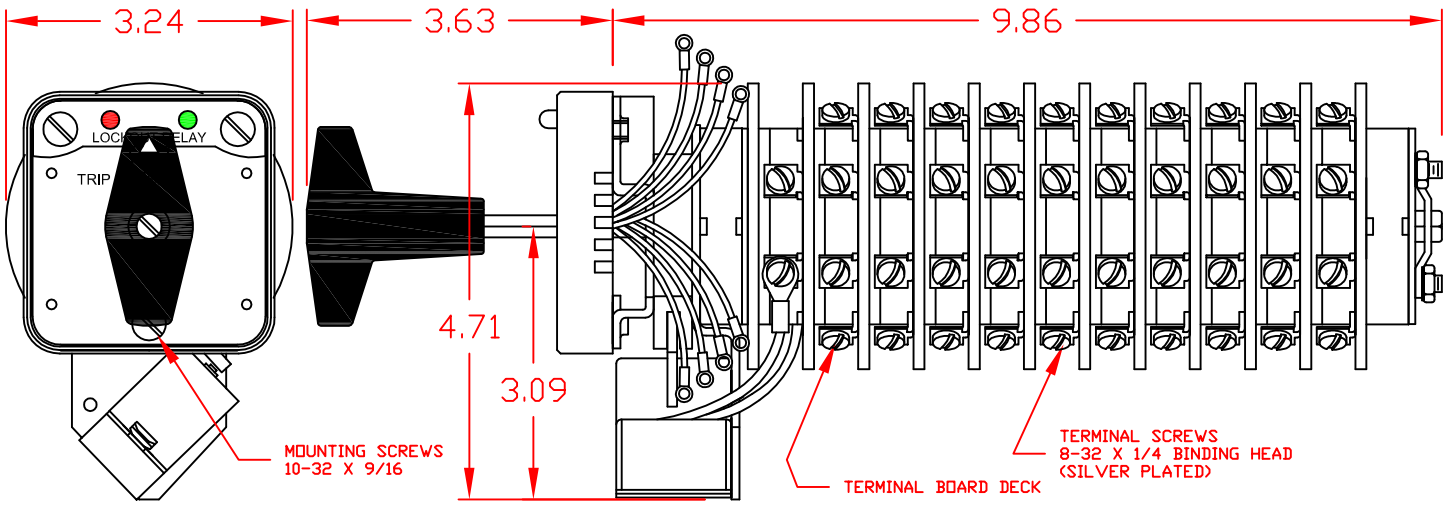
7609D 125VDCAXC



SPECIFICATIONS:
NO. OF POSITIONS: 2, TRIP AND RESET
NO. OF SECTIONS: 9 (ACTIVE)
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

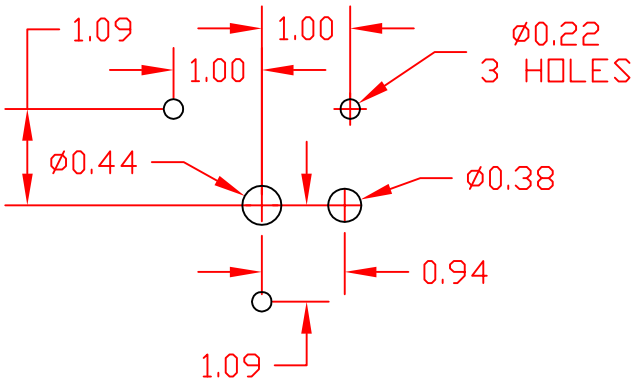
OVERLOAD CURRENT
(50 OPERATIONS):
95 A/120 VAC
65 A/240 VAC
35 A/600 VAC

DIELECTRIC STRENGTH:
2200 VRMS

INSULATION RESISTANCE:
100 MEGOHMS INITIAL

CONTACT RESISTANCE:
10 MILLIOHMS MAX. INITIAL

MOUNTING HOLE DETAIL



DECK	CONTACTS	POSITION TRIP	POSITION 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	
4	41 — 43		X
	42 — 48	X	
	45 — 47		X
	46 — 44	X	
5	51 — 53		X
	52 — 58	X	
	55 — 57		X
	56 — 54	X	
6	61 — 63		X
	62 — 68	X	
	65 — 67		X
	66 — 64	X	
7	71 — 73		X
	72 — 78	X	
	75 — 77		X
	76 — 74	X	
8	81 — 83		X
	82 — 88	X	
	85 — 87		X
	86 — 84	X	
8	81 — 83		X
	82 — 88	X	
	85 — 87		X
	86 — 84	X	

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

PART NUMBER:
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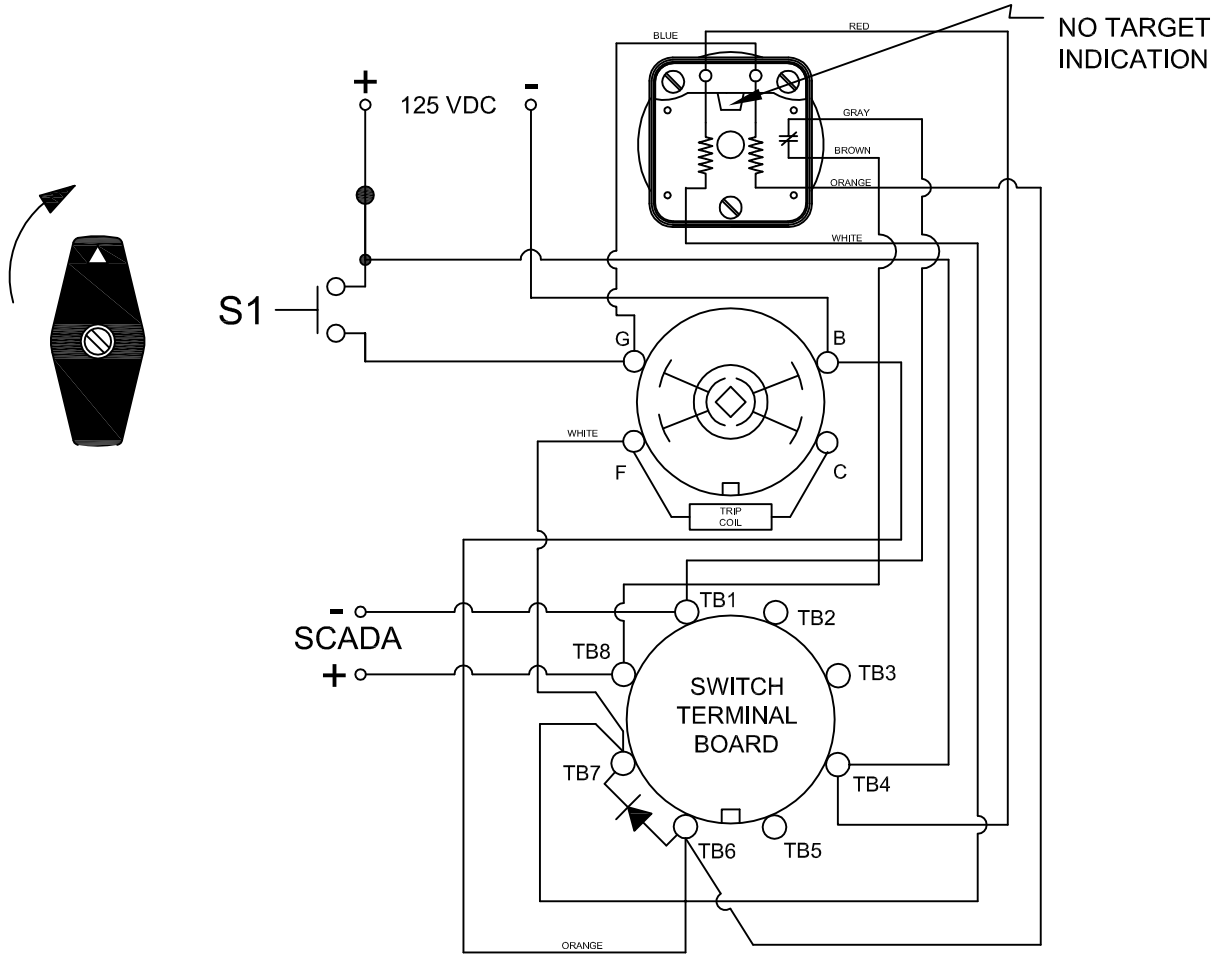
LOCK-OUT RELAYS (LOR)

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



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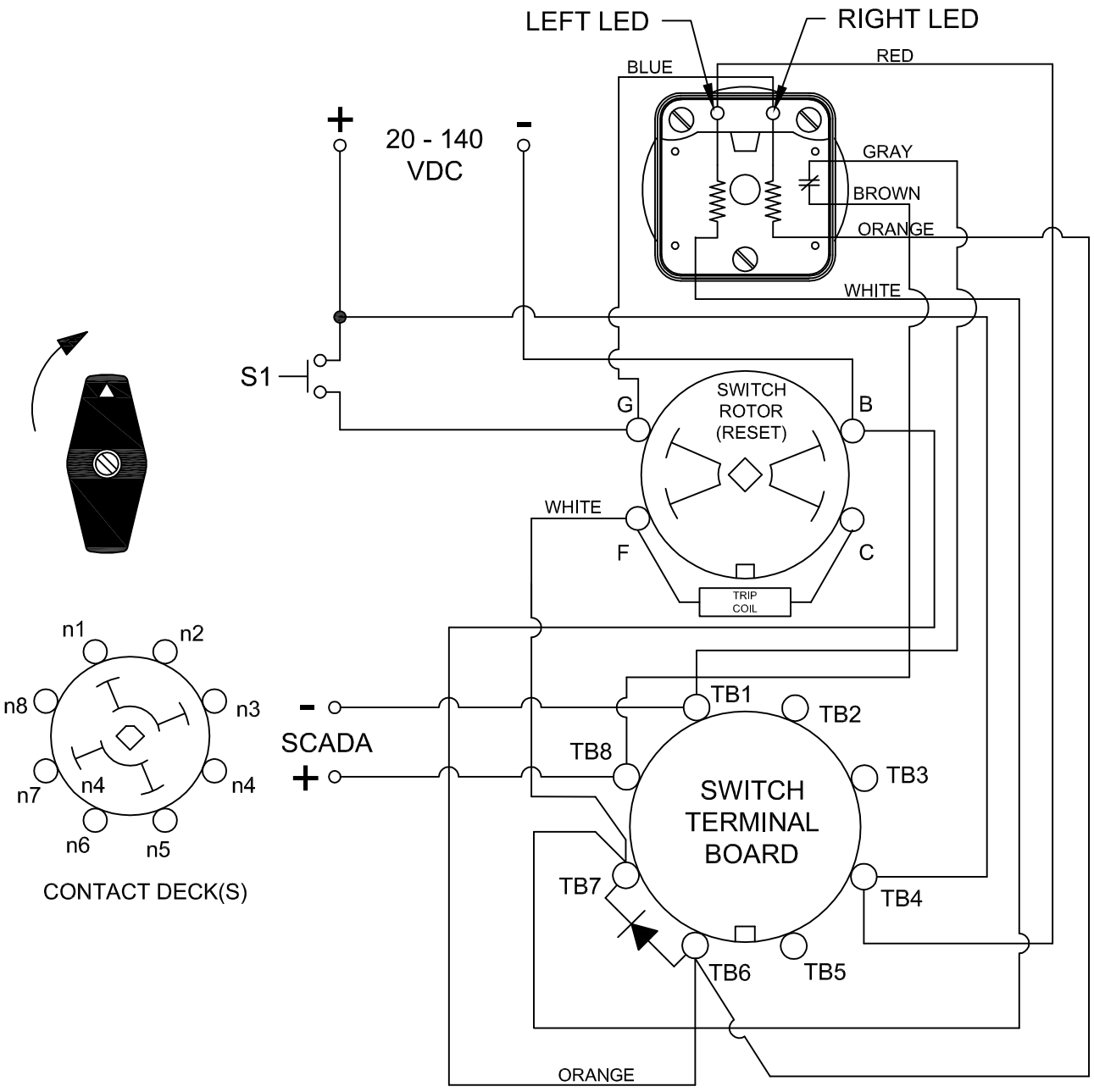
LED INDICATION

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

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



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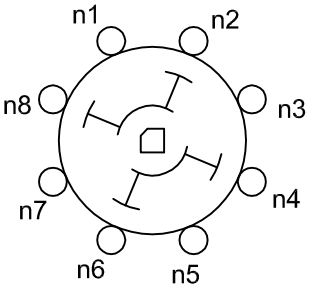
LED INDICATION

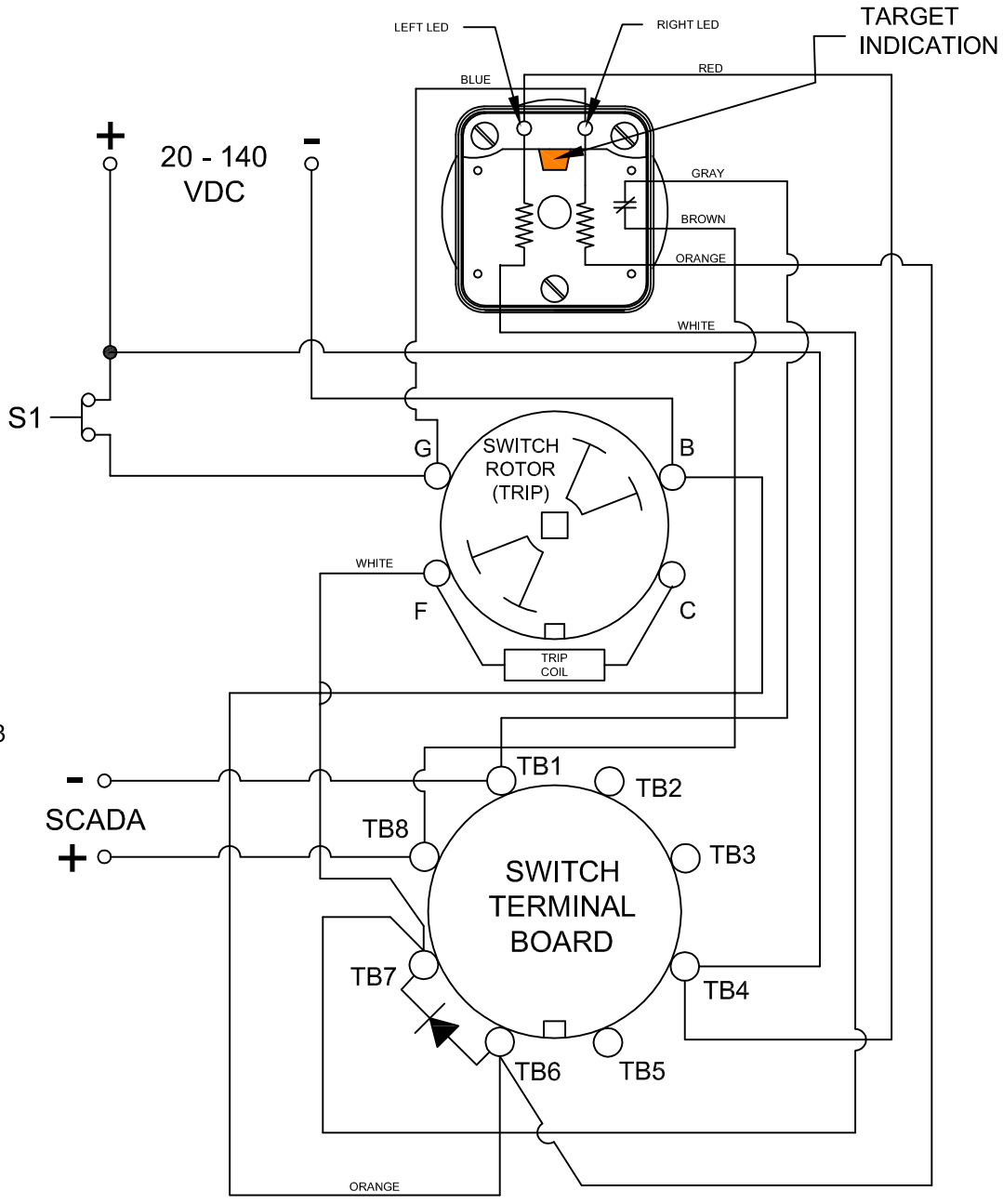
CONDITION #2	
ROTOR	RESET (AS SHOWN)
SWITCH 1 (S1)	CLOSED

RESULT	
LEFT LED	OFF
RIGHT LED	ON
SCADA SWITCH	CLOSED

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



CONTACT DECK(S)



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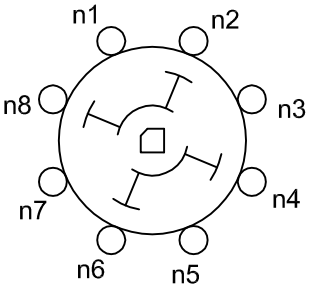
LED INDICATION

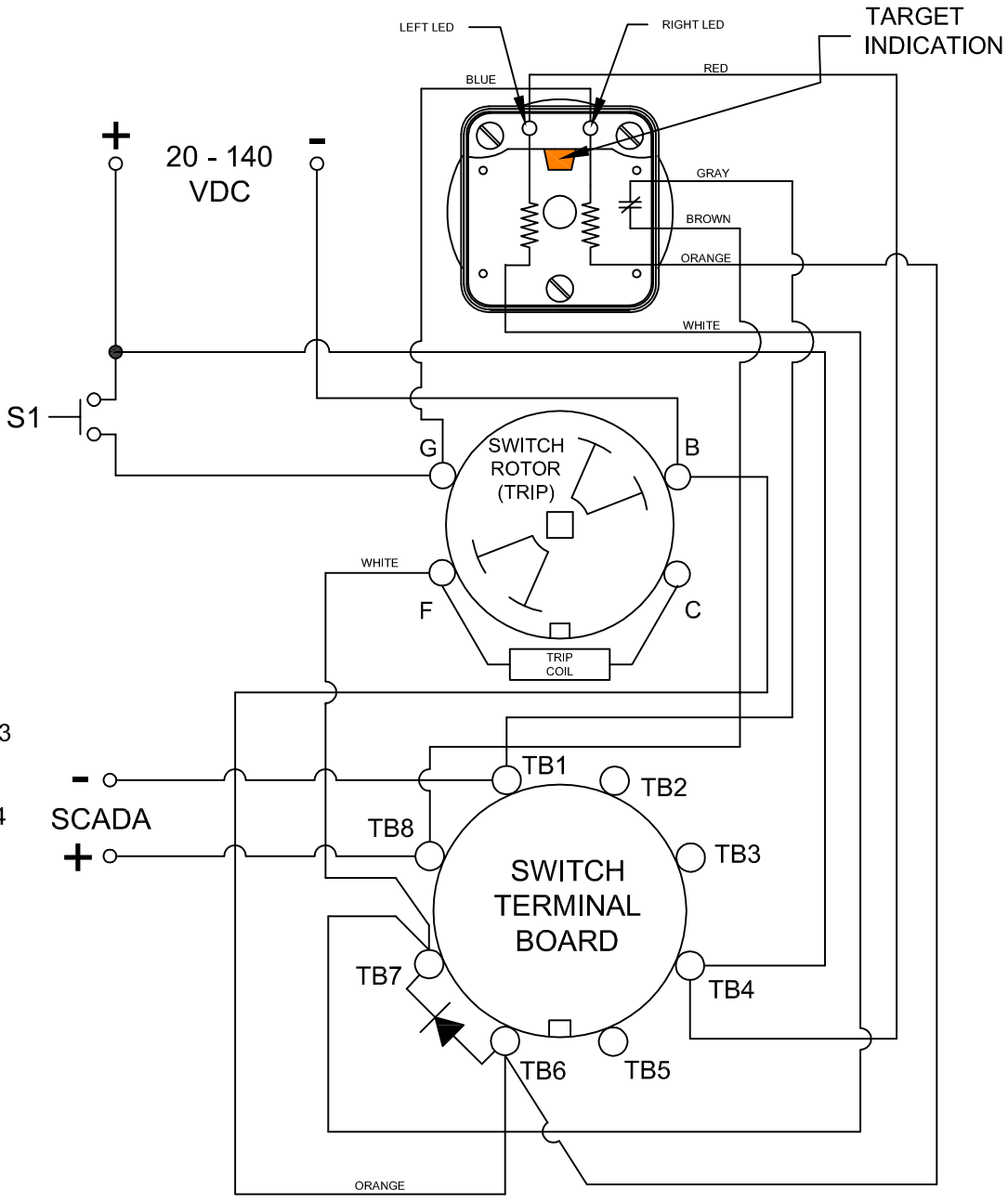
CONDITION #2	
ROTOR	RESET (AS SHOWN)
SWITCH 1 (S1)	OPEN

RESULT	
LEFT LED	OFF
RIGHT LED	OFF
SCADA SWITCH	CLOSED

WHEN S1 OPENS, THE RIGHT LED WILL GO OFF. THE LEFT LED WILL REMAIN OFF UNTIL THE LOR IS MANUALLY ROTATED BACK TO THE "RESET" POSITION



CONTACT DECK(S)



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