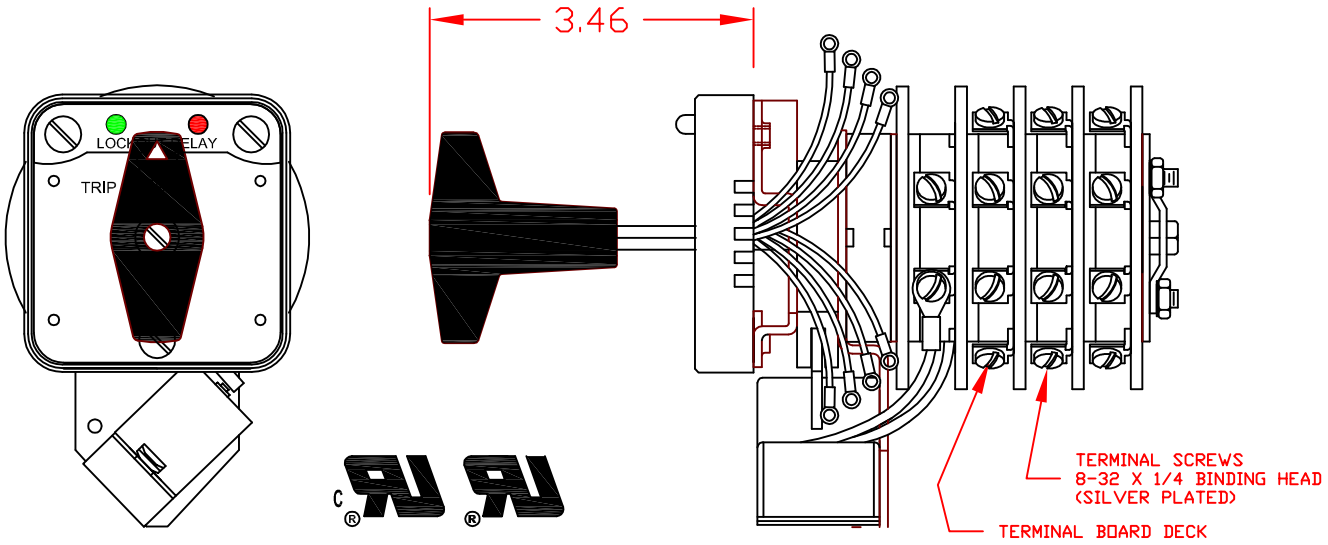
7602D125VDCCXA

SHALLCO



SPECIFICATIONS:
NO. OF POSITIONS: 2, TRIP AND RESET
NO. OF SECTIONS: 2
CONTACTS: 2 NORMALLY OPEN
2 NORMALLY CLOSED
PER DECK
ACTION: 45° POSITIVE TRIP DETENT
STATIONARY CONTACTS : SILVER OVER COPPER
NAMEPLATE: AS SHOWN

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	

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

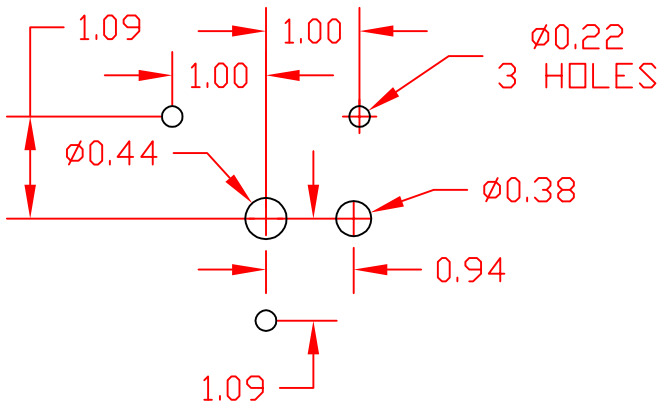
OVERLOAD CURRENT
(50 OPERATIONS):
95 A/120 VAC
65 A/240 VAC
35 A/600 VAC

DIELECTRIC STRENGTH:
2200 VRMS

INSULATION RESISTANCE:
100 MEGOHMS INITIAL

CONTACT RESISTANCE:
10 MILLIOHMS MAX. INITIAL

MOUNTING HOLE DETAIL



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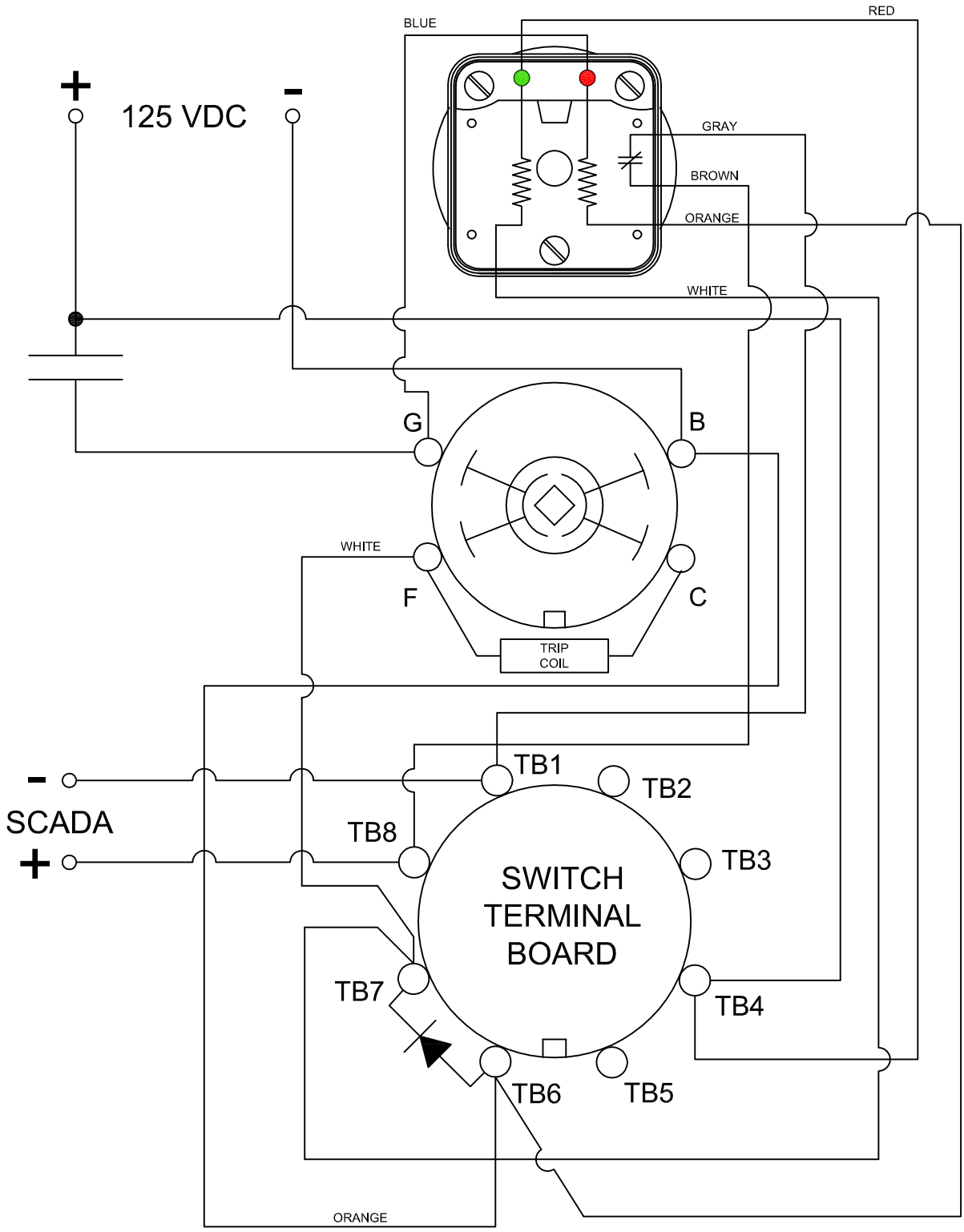

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LOCK-OUT RELAYS (LOR)

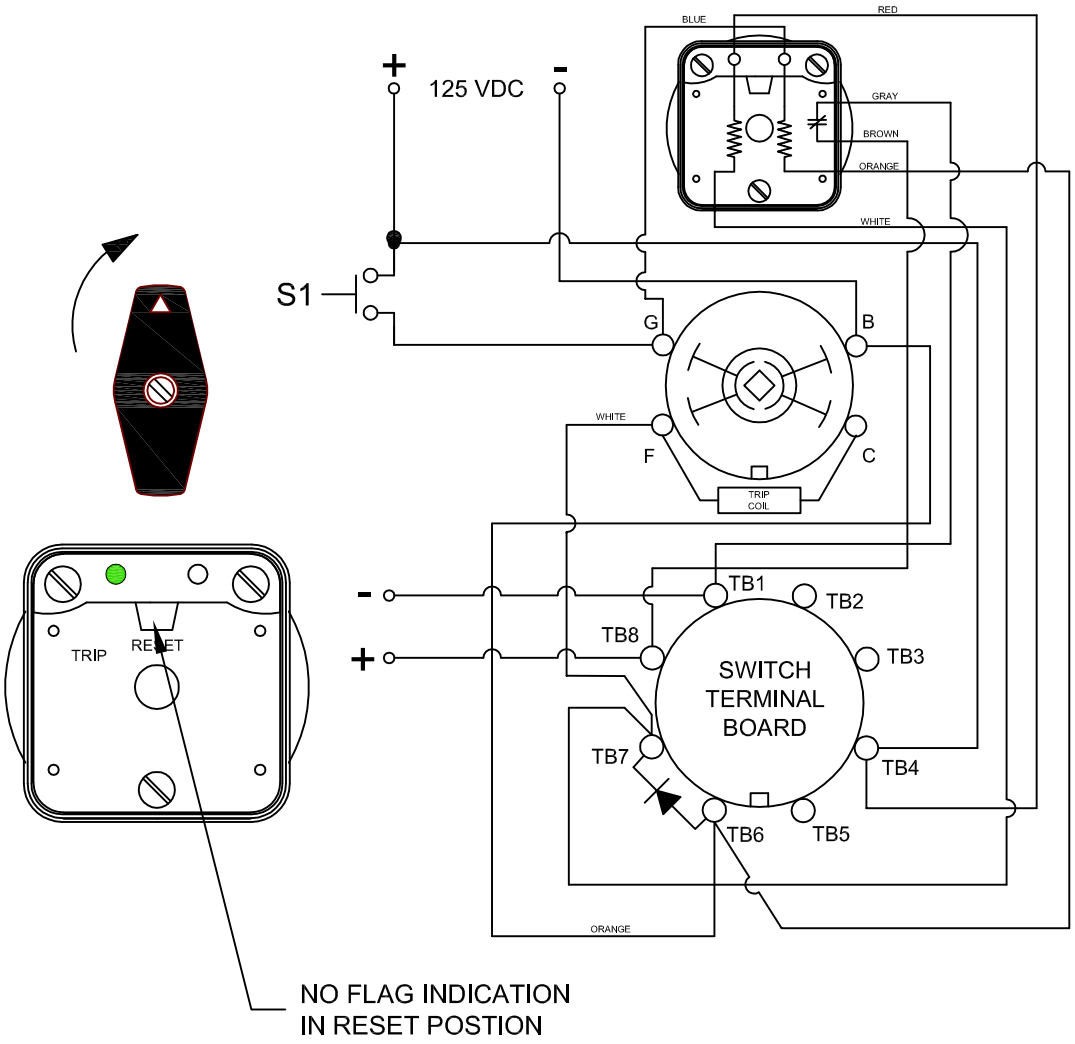
GENERAL OPERATION:

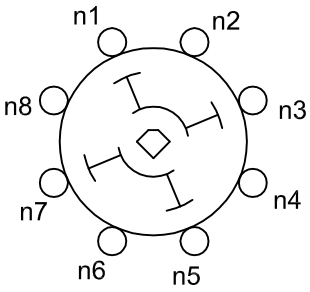
THE HANDLE OF THE LOR MUST BE MANUALLY ROTATED CLOCKWISE TO PLACE THE UNIT IN THE "RESET" POSITION (SEE FIGURE A)

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

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

FIGURE A - RESET POSITION





CONTACT DECK(S)

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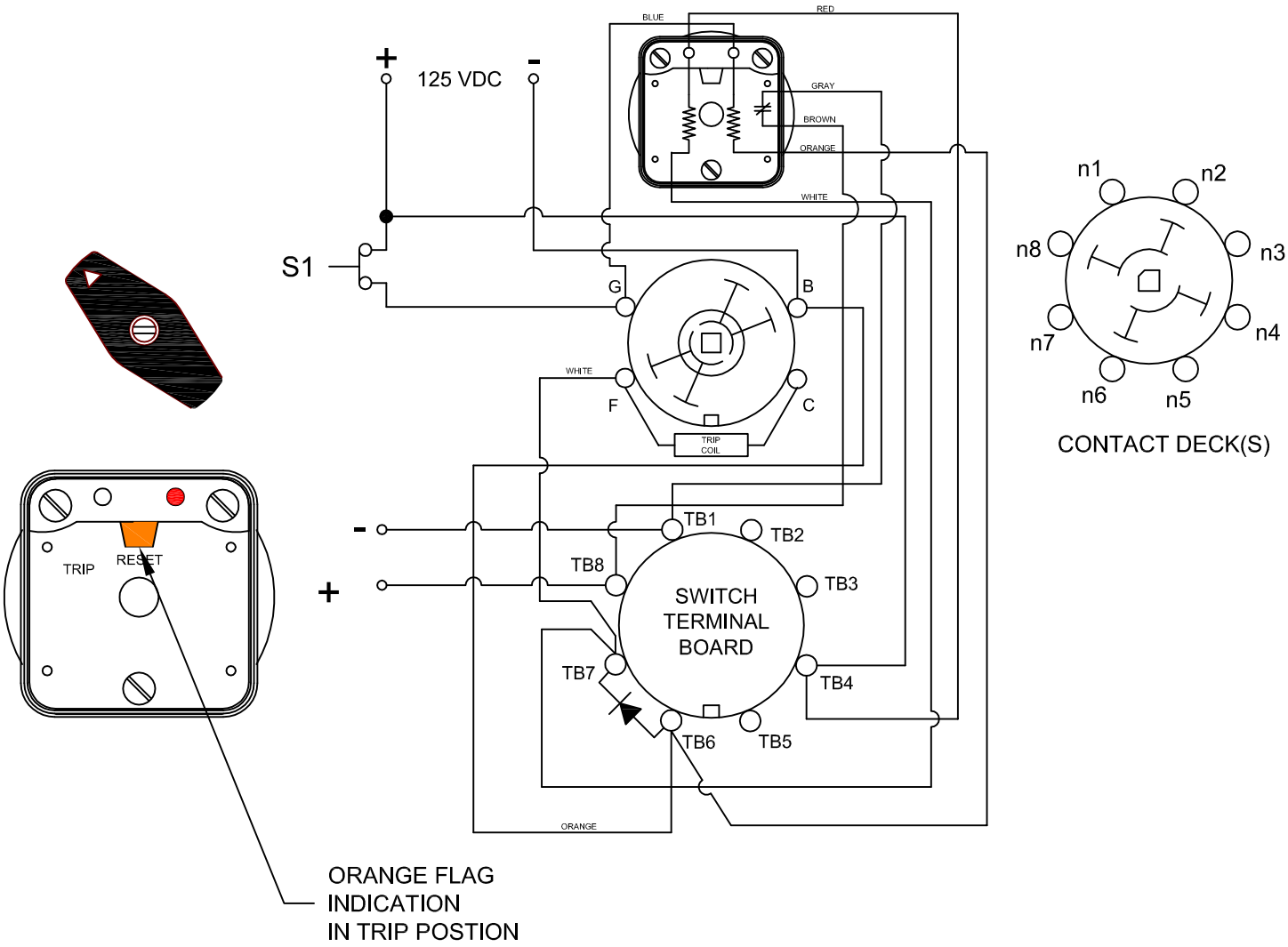
CONDITION #2	
ROTOR	RESET (AS SHOWN)
SWITCH 1 (S1)	CLOSED

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

FIGURE B - TRIP POSITION



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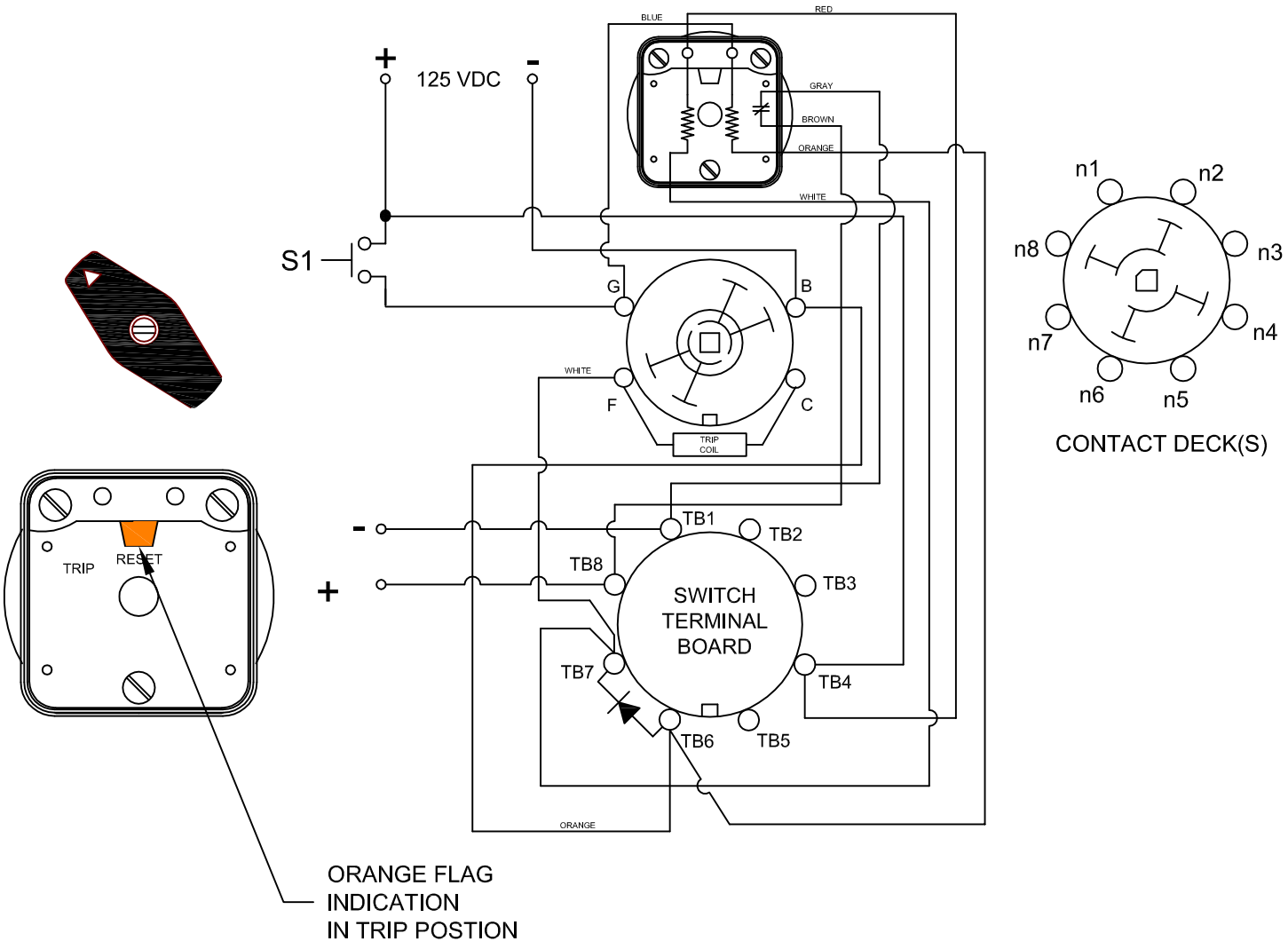
CONDITION #2	
ROTOR	RESET (AS SHOWN)
SWITCH 1 (S1)	OPEN

RESULT	
LEFT LED	OFF
RIGHT LED	OFF
SCADA SWITCH	CLOSED

WHEN S1 RE-OPENS, BOTH LED'S ARE OFF AND THE SCADA SWITCH WILL REMAIN CLOSED UNTIL THE LOCK OUT RELAY IS ROTATED BACK TO THE RESET POSITION

FIGURE B - TRIP POSITION



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