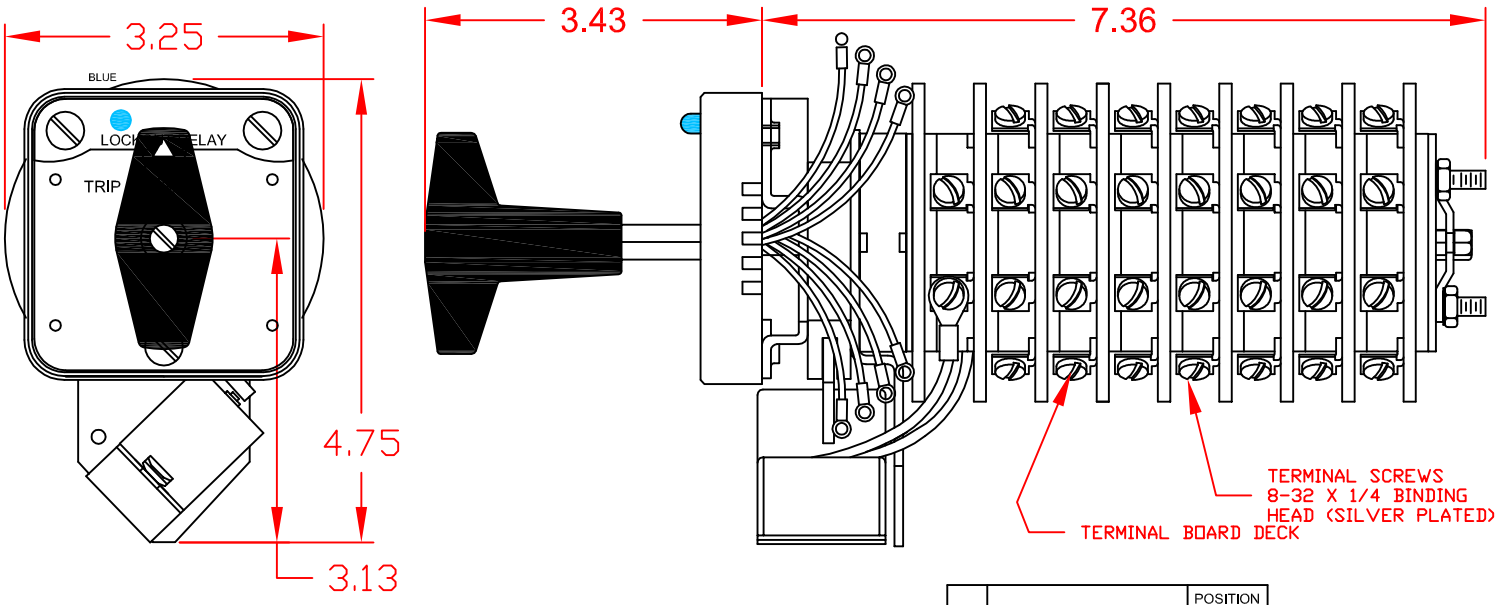
7606D 125VDCEXX



SPECIFICATIONS:
NO. OF POSITIONS: 2, TRIP AND RESET
NO. OF SECTIONS: 6
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 VAC
THRESHOLD VOLTAGE: 16 VDC VAC
OPERATING RANGE: 30 - 140 VDC VAC
CURRENT AT RATED VOLTAGE: 4.6 AMPS

ELECTRICAL RATINGS:
25A/120 VAC 15A/600 VAC
20A/600 VAC (RESISTIVE)
3A/125 VDC 1A/250 VDC

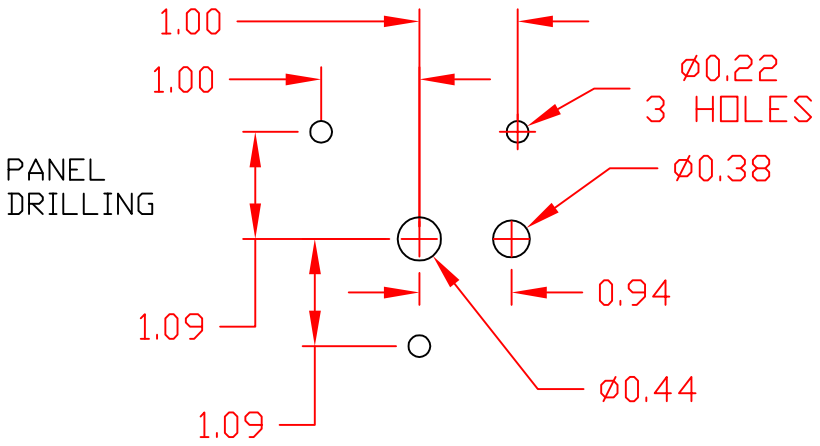
OVERLOAD CURRENT
(50 OPERATIONS):
95 A/120 VAC
65 A/240 VAC
35 A/600 VAC

DIELECTRIC STRENGTH:
2200 VRMS

INSULATION RESISTANCE:
100 MEGOHMS INITIAL

CONTACT RESISTANCE:
10 MILLIOHMS MAX. INITIAL

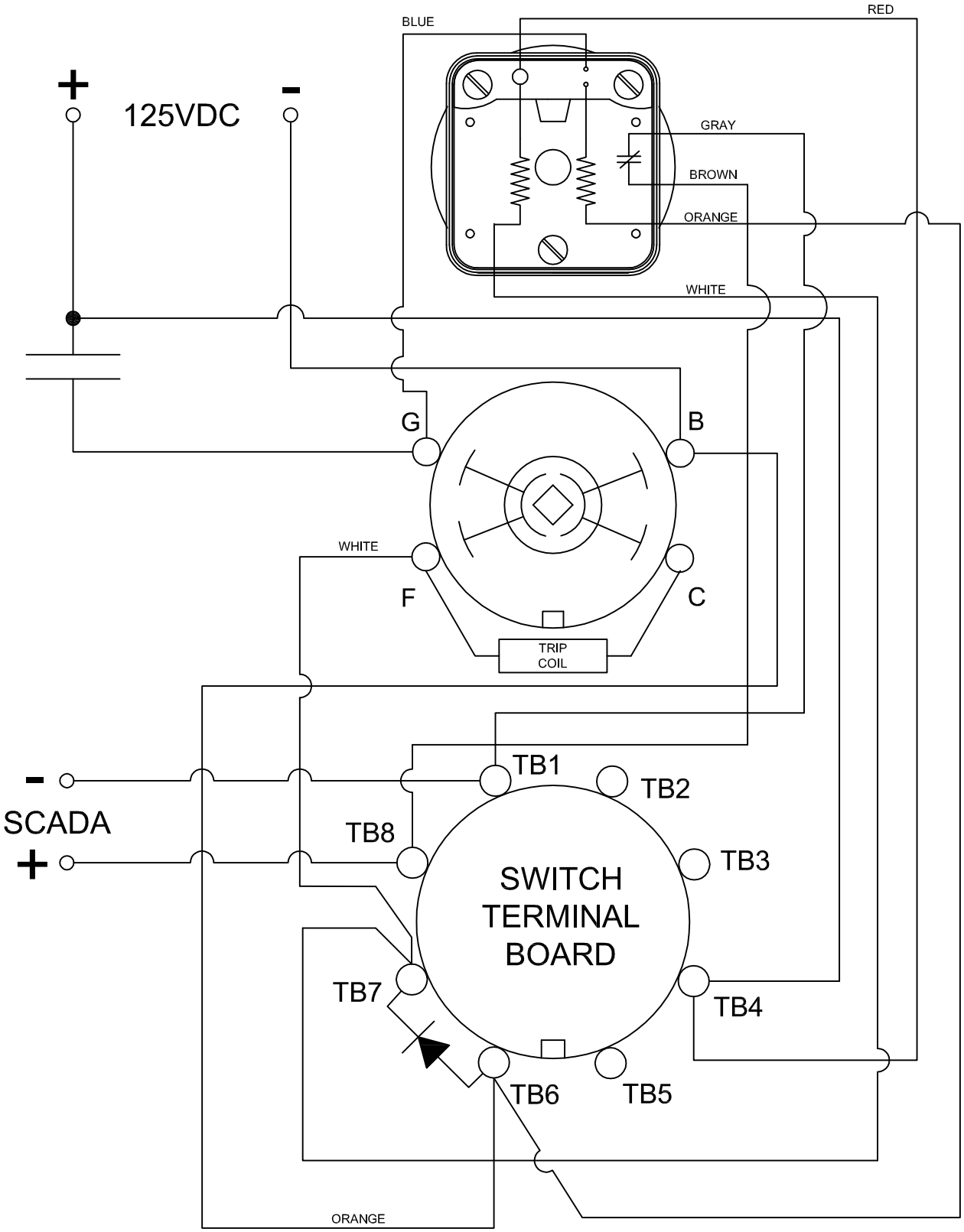
DECK	CONTACTS	POSITION TRIP	POSITION RESET
1	11 — 13		X
	12 — 18	X	
	15 — 17		X
	16 — 14	X	
2	21 — 23		X
	22 — 28	X	
	25 — 27		X
	26 — 24	X	
3	31 — 33		X
	32 — 38	X	
	35 — 37		X
	36 — 34	X	
4	41 — 43		X
	42 — 48	X	
	45 — 47		X
	46 — 44	X	
5	51 — 53		X
	52 — 58	X	
	55 — 57		X
	56 — 54	X	



PART NUMBER
7606D 125VDCEXX

SHALLCO
AN ISO 9001 COMPANY
308 COMPONENTS DRIVE
SMITHFIELD, NC 27577 USA

SHALLCO



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LOCK-OUT RELAYS (LOR)

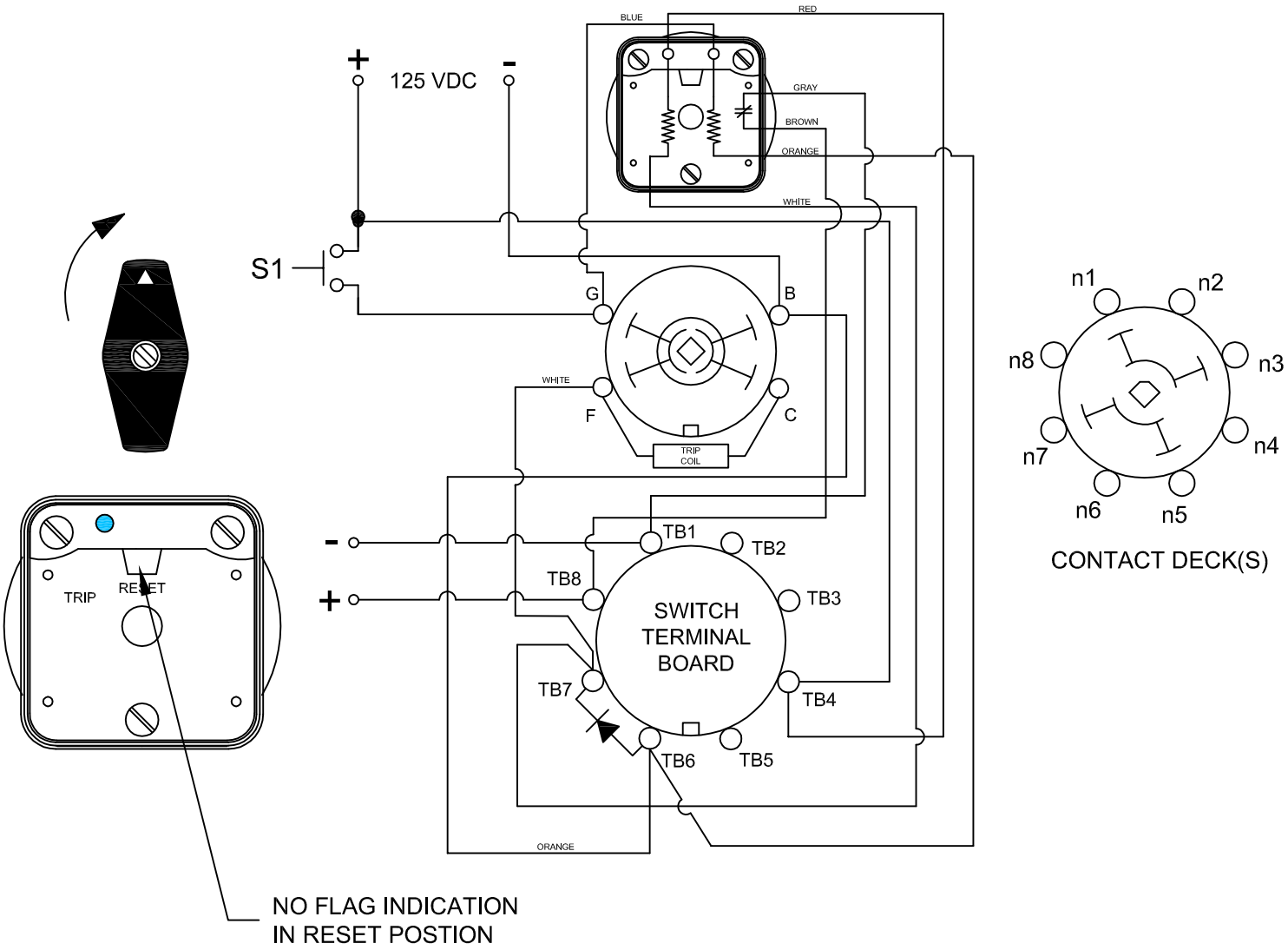
GENERAL OPERATION:

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
SCADA CIRCUIT TRIP COIL MONITOR)	OPEN

FIGURE A - RESET POSITION



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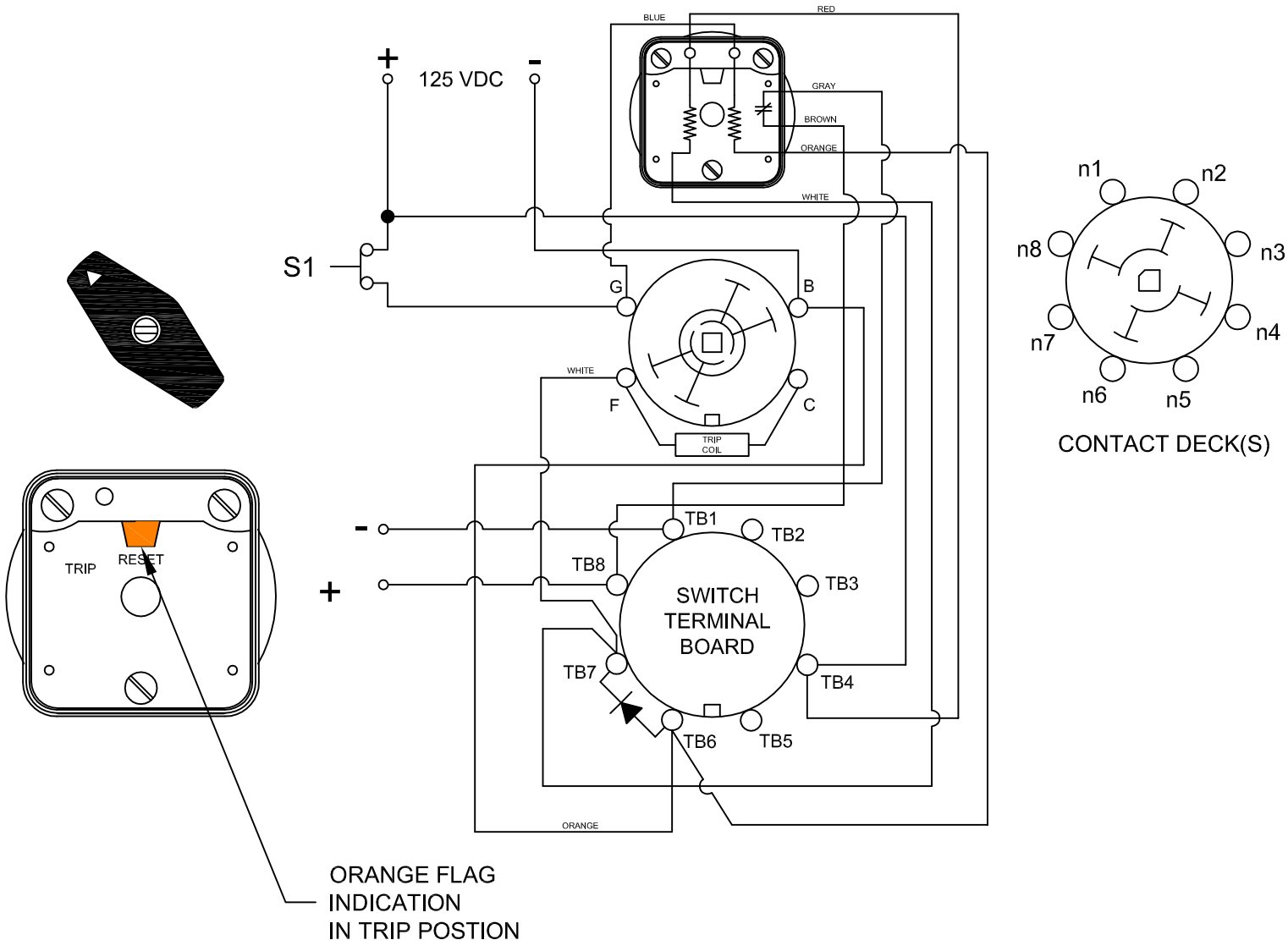
CONDITION #2	
ROTOR	TRIP (AS SHOWN)
SWITCH 1 (S1)	CLOSED

RESULT	
LEFT LED	OFF
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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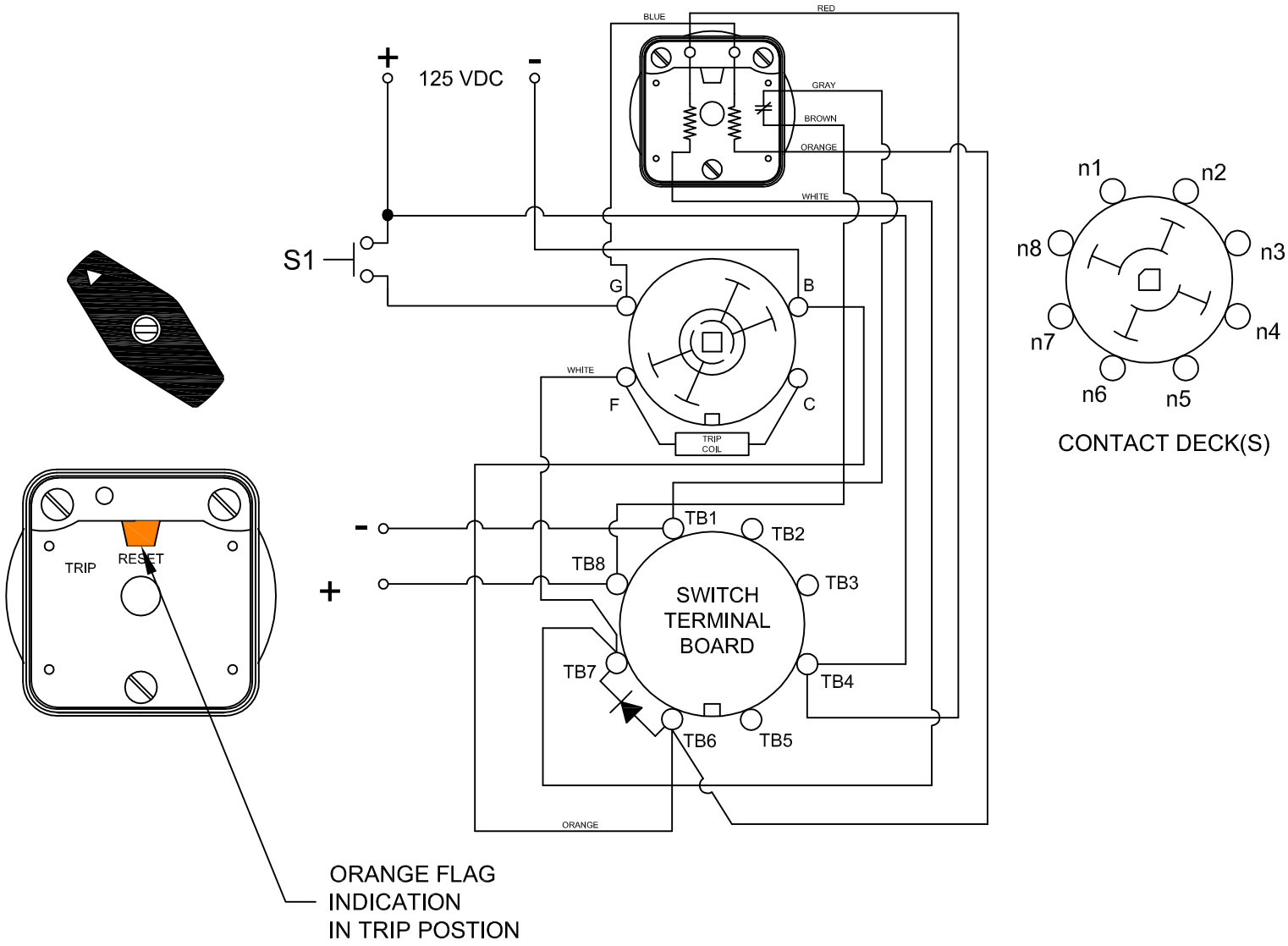
CONDITION #2	
ROTOR	TRIP (AS SHOWN)
SWITCH 1 (S1)	OPEN

RESULT	
LEFT LED	OFF
SCADA SWITCH	CLOSED

WHEN S1 OPENS,THE RELAY REMAINS TRIPPED, THE LEFT LED REMAINS OFF AND THE SCADA CIRCUIT REMAINS CLOSED UNTIL THE SHAFT IS ROTATED BACK INTO THE "RESET" POSITION.

FIGURE B - TRIP POSITION



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