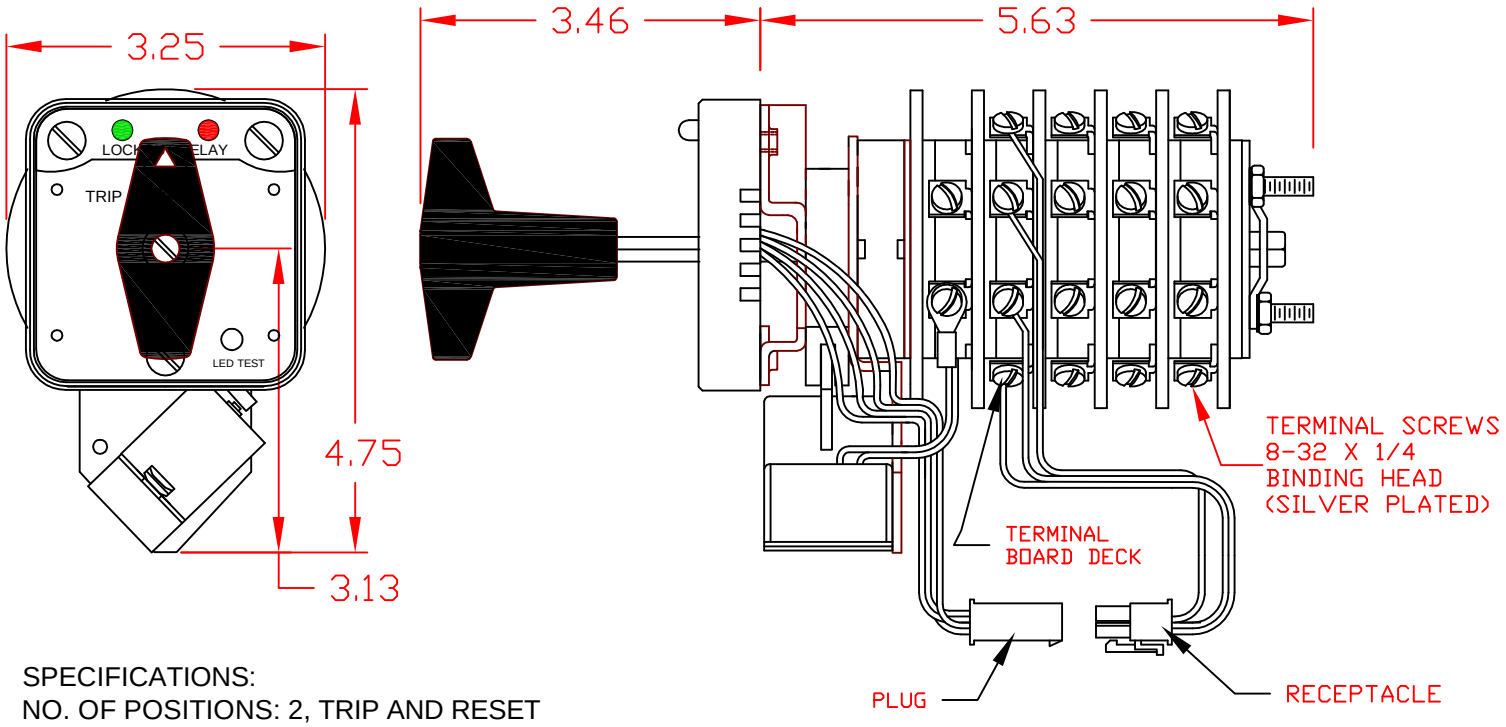
7603D 125VDCAXCWPPTT



SPECIFICATIONS:
NO. OF POSITIONS: 2, TRIP AND RESET
NO. OF SECTIONS: 3
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/600 VAC 1 A/ 250 VDC
20 A/600 VAC (RESISTIVE)

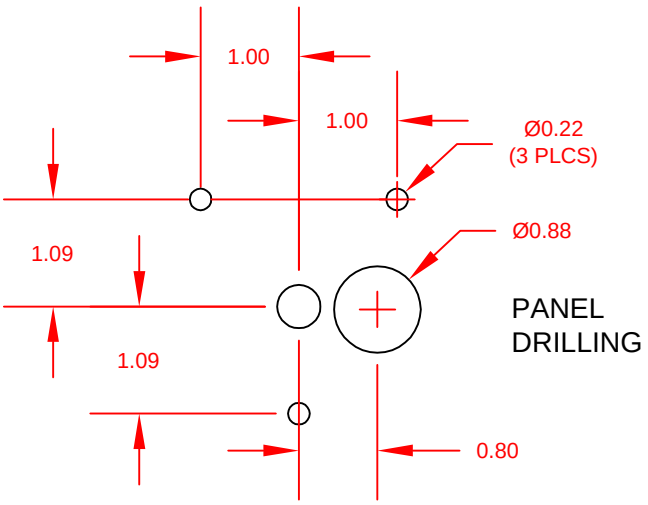
OVERLOAD CURRENT (50 OPERATIONS):
95 A/120 VAC
65 A/240 VAC
35 A/600 VAC

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	



DESCRIPTION

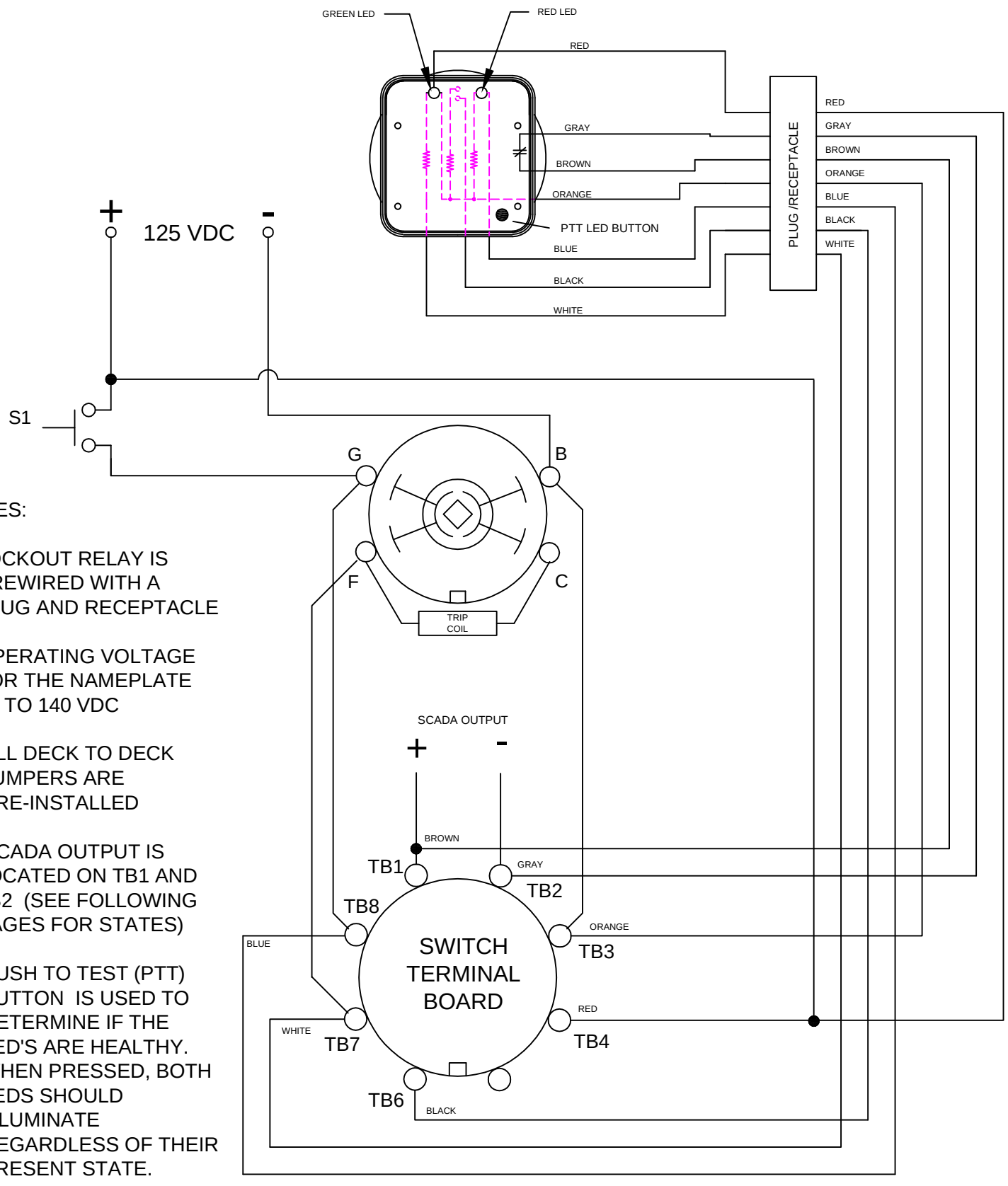
LOCK-OUT RELAY SPECIFICATION SHEET

PART NUMBER

7603D 125VDCAXCWPPTT

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

7603D 125VDCAXCWPPTT



NOTES:

1) LOCKOUT RELAY IS PREWIRED WITH A PLUG AND RECEPTACLE

2) OPERATING VOLTAGE FOR THE NAMEPLATE 24 TO 140 VDC

3) ALL DECK TO DECK JUMPERS ARE PRE-INSTALLED

4) SCADA OUTPUT IS LOCATED ON TB1 AND TB2 (SEE FOLLOWING PAGES FOR STATES)

5) PUSH TO TEST (PTT) BUTTON IS USED TO DETERMINE IF THE LED'S ARE HEALTHY. WHEN PRESSED, BOTH LEDS SHOULD ILLUMINATE REGARDLESS OF THEIR PRESENT STATE.

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LOCK-OUT RELAYS (LOR)

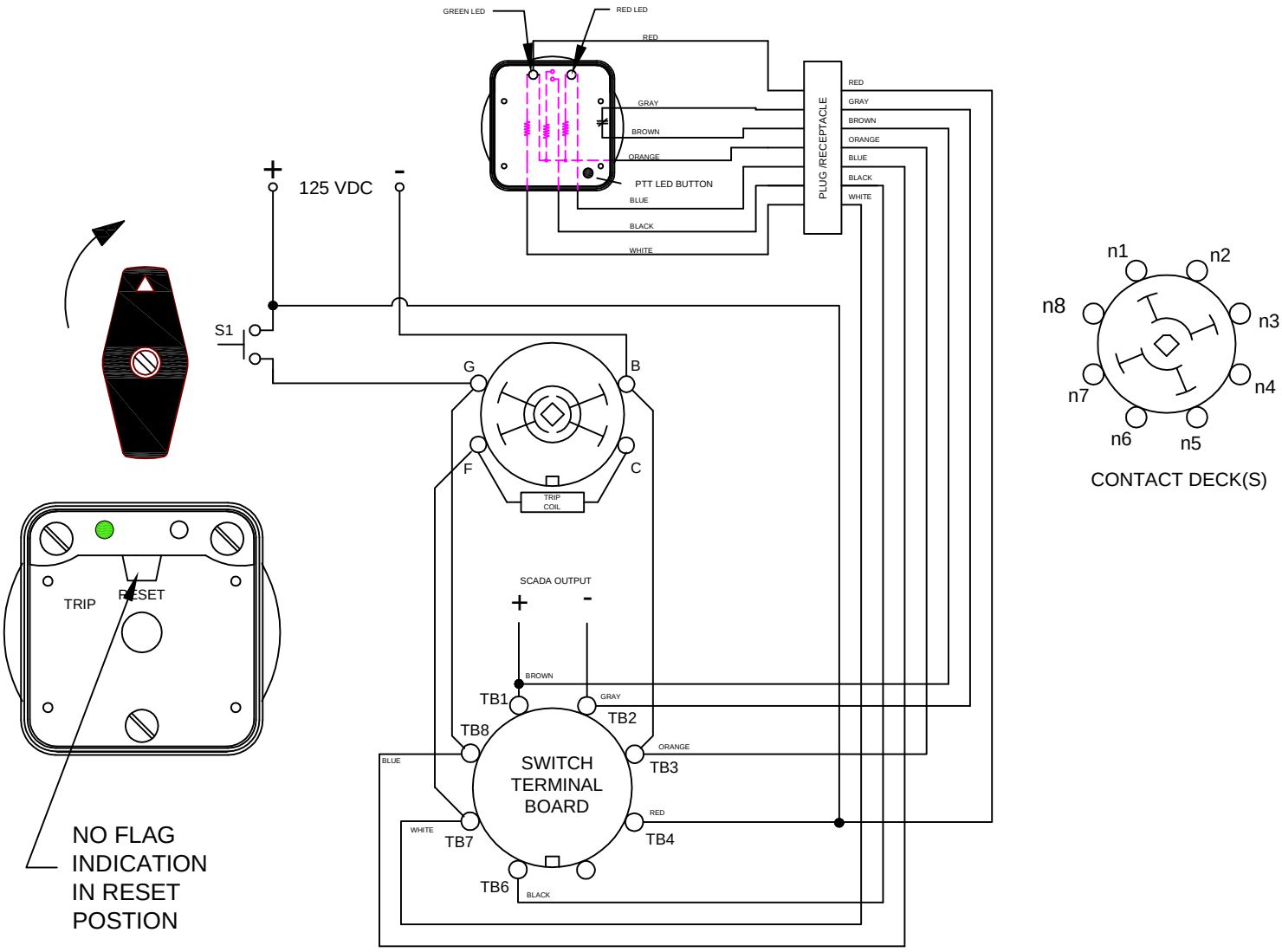
GENERAL OPERATION:

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



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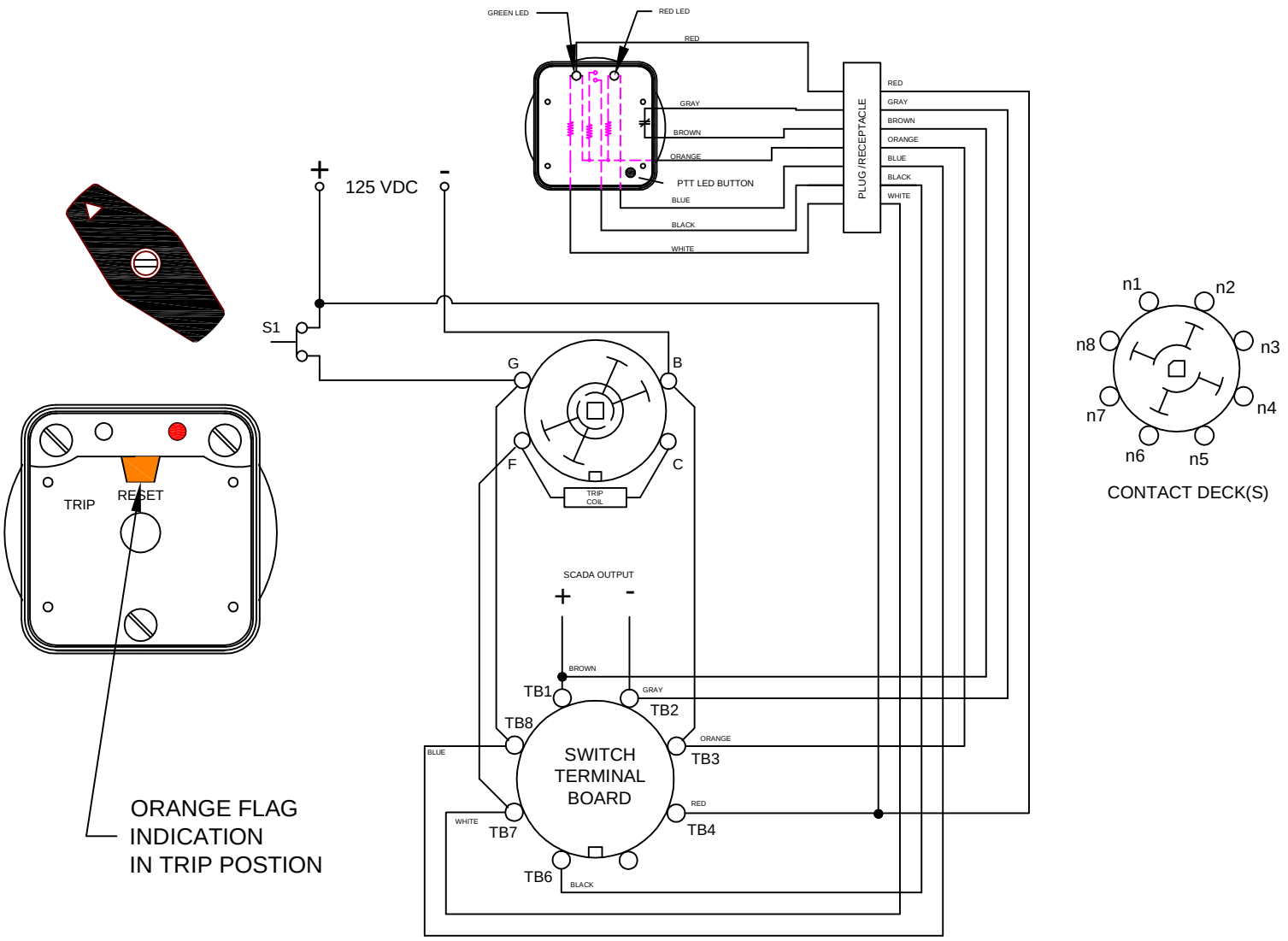
CONDITION #2	
ROTOR	RESET (AS SHOWN)
SWITCH 1 (S1)	CLOSED

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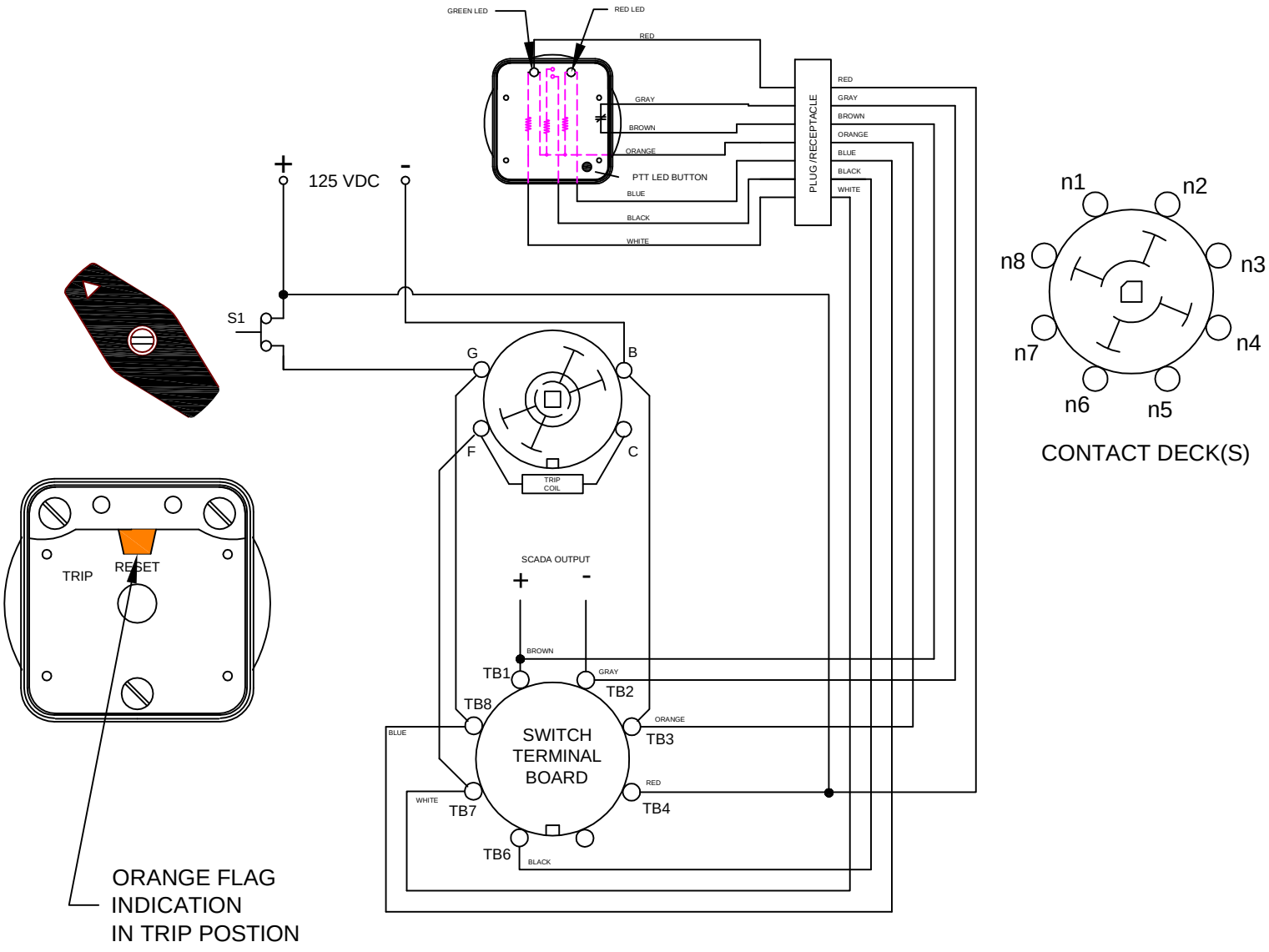
CONDITION #2	
ROTOR	RESET (AS SHOWN)
SWITCH 1 (S1)	OPEN

RESULT	
LEFT LED	OFF
RIGHT LED	OFF
SCADA SWITCH	CLOSED

WHEN S1 RETURNS TO AN OPEN STATE, THE LOCKOUT RELAY REMAIN IN A TRIPPED STATE WITH THE SCADA CIRCUIT CLOSED; HOWEVER, THE RIGHT LED WILL NO LONGER BE ILLUMINATED.

FIGURE B - TRIP POSITION



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