

SHALLCO

NO. OF POSITIONS: 2, TRIP AND RESET

NO. OF SECTIONS: 10

CONTACTS: 2 NORMALLY OPEN

2 NORMALLY CLOSED
PER DECK

ACTION: 45° POSITIVE TRIP DETENT
STATIONARY CONTACTS : SILVER OVER COPPER
NAMEPLATE: AS SHOWN

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

25 A/120 VAC 3 A/125 VDC

15 A/240 VAC 1 A/250 VDC

6 A/600 VAC

(50 OPERATIONS):

95 A/120 VAC

65 A/240 VAC

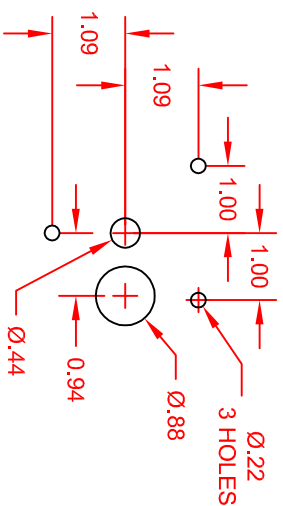
35 A/600 VAC

2200 VRMS

INSULATION RESISTANCE:

100 MEGOHMS INITIAL

10 MEGOHMS MAX. INITIAL



DECK	CONTACTS	POSITION	
		TRIP	RESET
1	11 — ☐ — ☐ — ☐ — ☐ — ☐ — 13	☐	☐
	12 — ☐ — ☐ — ☐ — ☐ — 18	☐	☐
	15 — ☐ — ☐ — ☐ — ☐ — 17	☐	☐
	16 — ☐ — ☐ — ☐ — ☐ — 14	☐	☐
	21 — ☐ — ☐ — ☐ — ☐ — 23	☐	☐
2	22 — ☐ — ☐ — ☐ — ☐ — 28	☐	☐
	25 — ☐ — ☐ — ☐ — ☐ — 27	☐	☐
	26 — ☐ — ☐ — ☐ — ☐ — 24	☐	☐
	31 — ☐ — ☐ — ☐ — ☐ — 33	☐	☐
	32 — ☐ — ☐ — ☐ — ☐ — 38	☐	☐
3	35 — ☐ — ☐ — ☐ — ☐ — 37	☐	☐
	36 — ☐ — ☐ — ☐ — ☐ — 34	☐	☐
	41 — ☐ — ☐ — ☐ — ☐ — 43	☐	☐
	42 — ☐ — ☐ — ☐ — ☐ — 48	☐	☐
	45 — ☐ — ☐ — ☐ — ☐ — 47	☐	☐
4	46 — ☐ — ☐ — ☐ — ☐ — 44	☐	☐
	51 — ☐ — ☐ — ☐ — ☐ — 53	☐	☐
	52 — ☐ — ☐ — ☐ — ☐ — 58	☐	☐
	55 — ☐ — ☐ — ☐ — ☐ — 57	☐	☐
	56 — ☐ — ☐ — ☐ — ☐ — 54	☐	☐
DECK	CONTACTS	POSITION	
6	61 — ☐ — ☐ — ☐ — ☐ — 63	☐	☐
	62 — ☐ — ☐ — ☐ — ☐ — 68	☐	☐
	65 — ☐ — ☐ — ☐ — ☐ — 67	☐	☐
	66 — ☐ — ☐ — ☐ — ☐ — 64	☐	☐
	71 — ☐ — ☐ — ☐ — ☐ — 73	☐	☐
7	72 — ☐ — ☐ — ☐ — ☐ — 78	☐	☐
	75 — ☐ — ☐ — ☐ — ☐ — 77	☐	☐
	76 — ☐ — ☐ — ☐ — ☐ — 74	☐	☐
	81 — ☐ — ☐ — ☐ — ☐ — 83	☐	☐
	82 — ☐ — ☐ — ☐ — ☐ — 88	☐	☐
8	85 — ☐ — ☐ — ☐ — ☐ — 87	☐	☐
	86 — ☐ — ☐ — ☐ — ☐ — 84	☐	☐
	91 — ☐ — ☐ — ☐ — ☐ — 93	☐	☐
	92 — ☐ — ☐ — ☐ — ☐ — 98	☐	☐
	95 — ☐ — ☐ — ☐ — ☐ — 97	☐	☐
9	96 — ☐ — ☐ — ☐ — ☐ — 94	☐	☐
	101 — ☐ — ☐ — ☐ — ☐ — 103	☐	☐
	102 — ☐ — ☐ — ☐ — ☐ — 108	☐	☐
	105 — ☐ — ☐ — ☐ — ☐ — 107	☐	☐
	106 — ☐ — ☐ — ☐ — ☐ — 104	☐	☐
10			

PART NO.

7610D 125VDCDXXWP



LED INDICATION

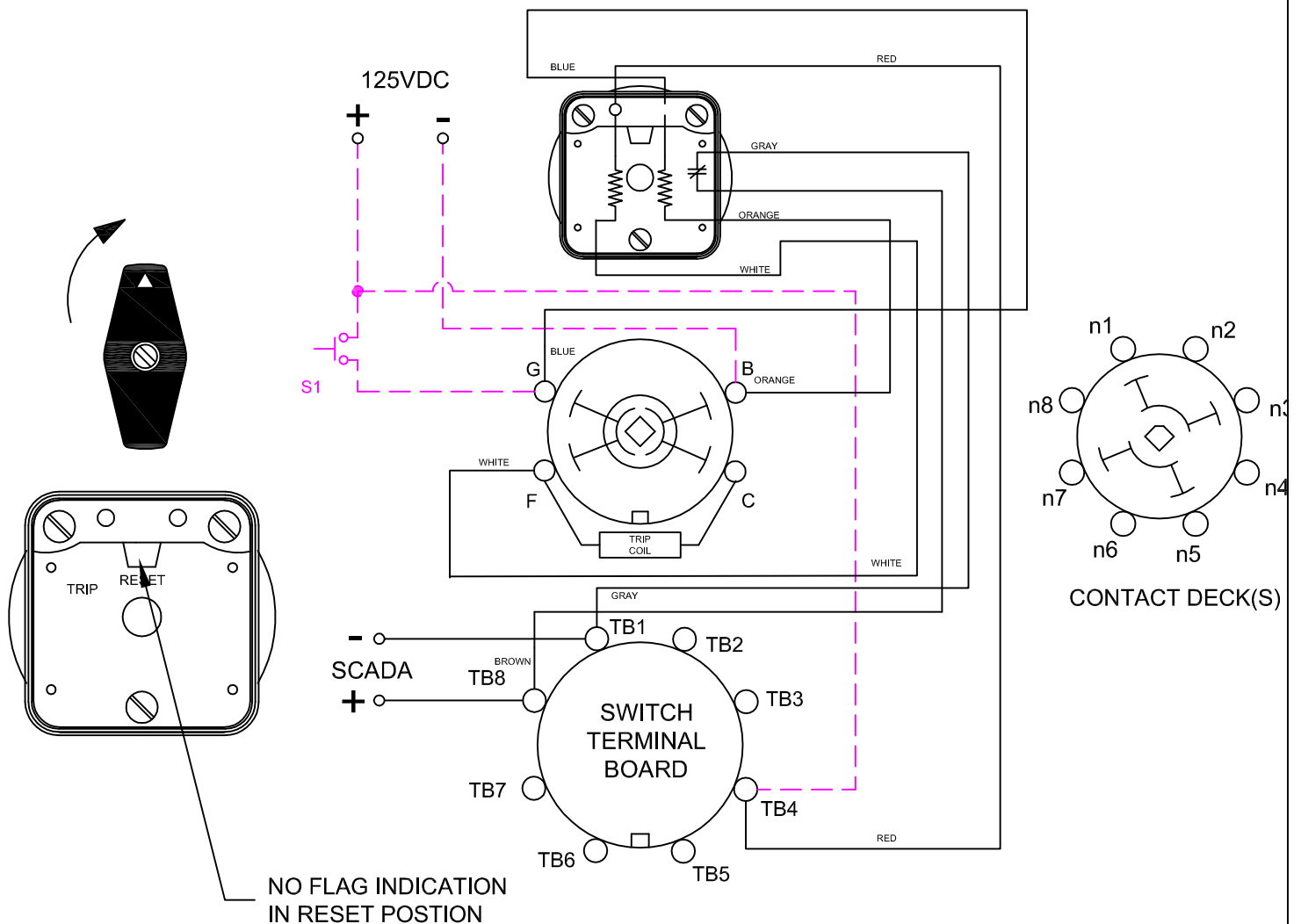
CONDITION #1	
ROTOR	RESET (AS SHOWN)
SWITCH 1 (S1)	OPEN

RESULT	
LEFT LED	ON
SCADA CIRCUIT TRIP COIL MONITOR)	OPEN

LOCK-OUT RELAYS (LOR)

GENERAL OPERATION:

THE HANDLE OF THE LOR MUST BE MANUALLY ROTATED CLOCKWISE TO PLACE THE UNIT IN THE "RESET" POSITION



LOCK-OUT RELAY SPECIFICATION SHEET

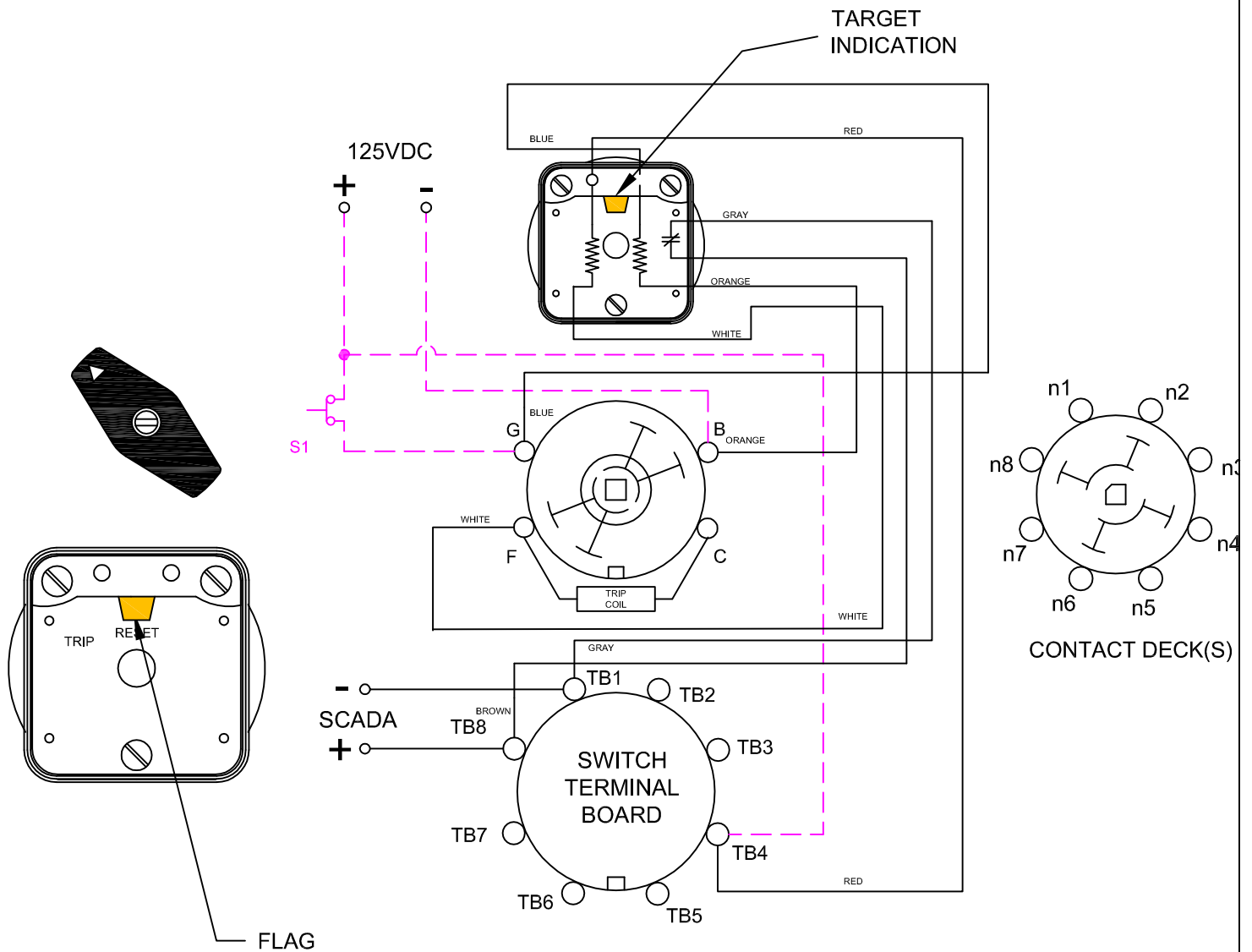
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LED INDICATION

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

RESULT	
LEFT 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

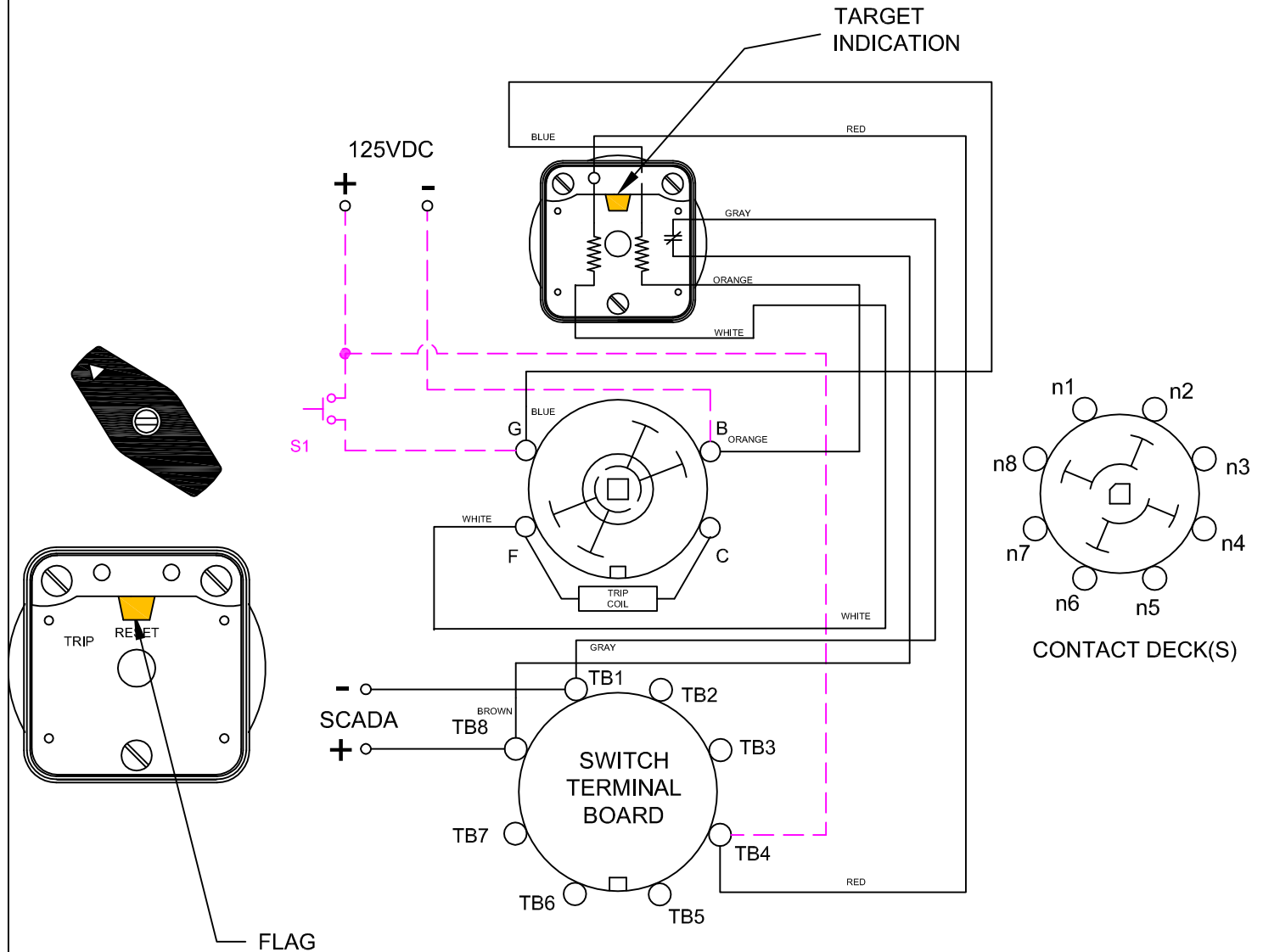
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LED INDICATION

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

RESULT	
LEFT LED	OFF
SCADA SWITCH	CLOSED

WHEN S1 OPENS THE LOR WILL REMAIN IN THE TRIPPED POSITION AND THE SCADA CIRCUIT WILL REMAIN CLOSED UNTIL THE LOR IS ROTATED BACK INTO THE RESET POSITION



LOCK-OUT RELAY SPECIFICATION SHEET

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