

SPECIFICATIONS:

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

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:

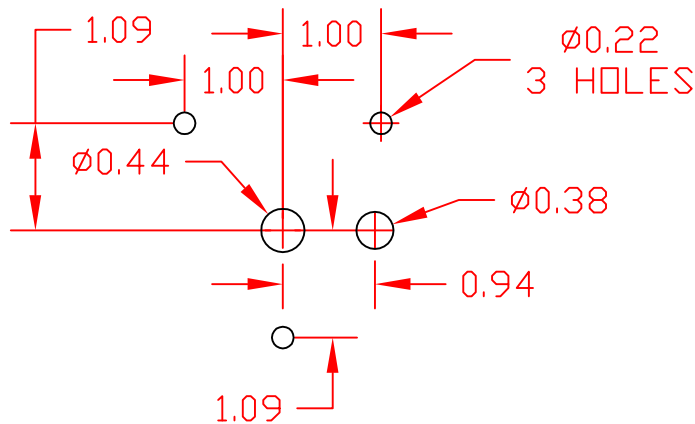
100 MEGOHMS INITIAL

CONTACT RESISTANCE:

10 MILLIOHMS MAX. INITIAL

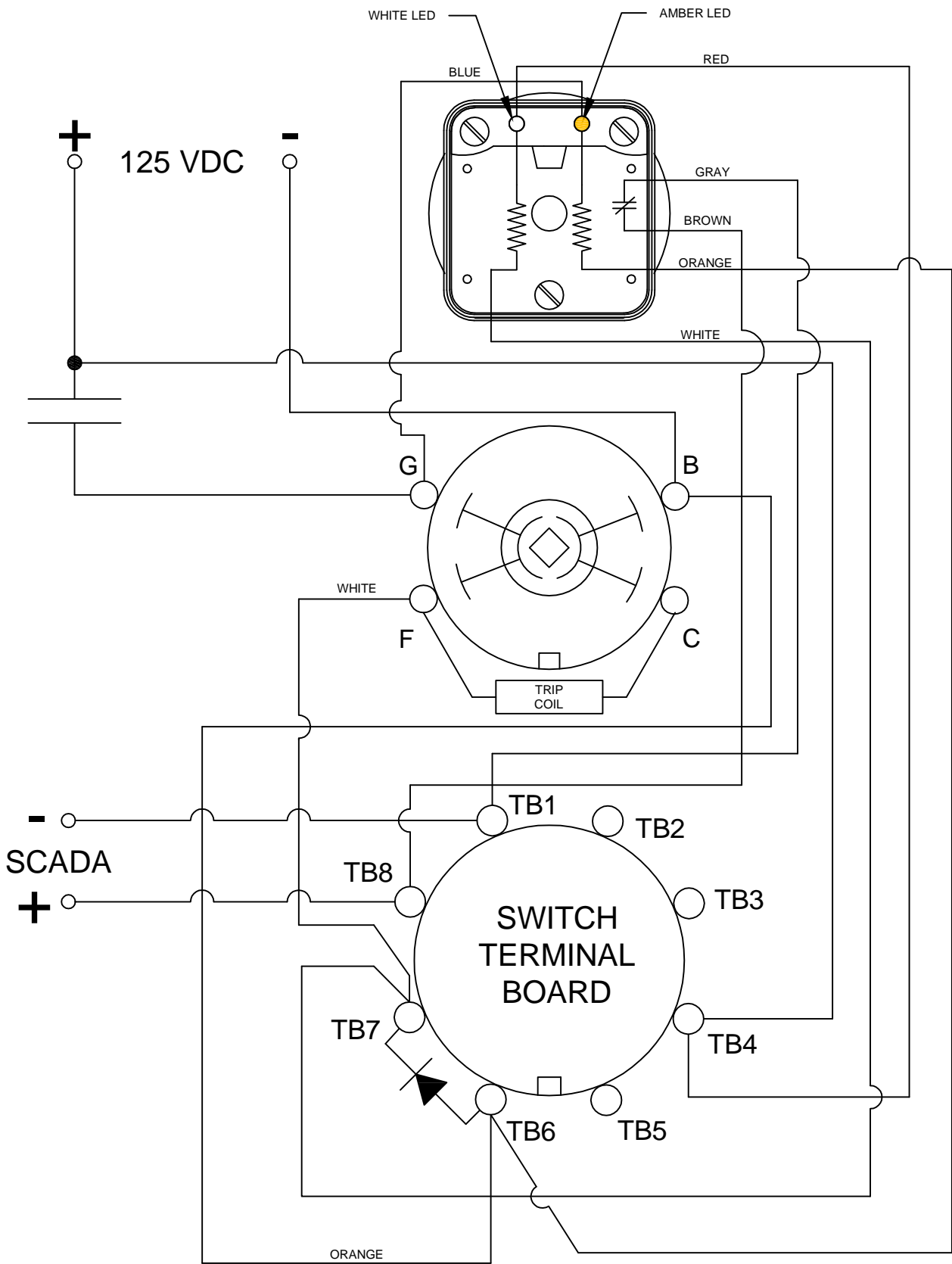
DECK	CONTACTS	POSITION	
		TRIP	RESET
1	11 ↔ ↔ 13		
	12 ↔ ↔ 18	X	X
	15 ↔ ↔ 17	X	X
	16 ↔ ↔ 14	X	X
2	21 ↔ ↔ 23		
	22 ↔ ↔ 28	X	X
	25 ↔ ↔ 27	X	X
3	26 ↔ ↔ 24	X	X
	31 ↔ ↔ 33		
	32 ↔ ↔ 38	X	X
	35 ↔ ↔ 37	X	X
4	36 ↔ ↔ 34	X	X
	41 ↔ ↔ 43		
	42 ↔ ↔ 48	X	X
5	45 ↔ ↔ 47	X	X
	46 ↔ ↔ 44	X	X
	51 ↔ ↔ 53		
	52 ↔ ↔ 58	X	X
6	55 ↔ ↔ 57	X	X
	56 ↔ ↔ 54	X	X
	61 ↔ ↔ 63		
	62 ↔ ↔ 68	X	X
7	65 ↔ ↔ 67	X	X
	66 ↔ ↔ 64	X	X
	71 ↔ ↔ 73		
	72 ↔ ↔ 78	X	X
8	75 ↔ ↔ 77	X	X
	76 ↔ ↔ 74	X	X
	81 ↔ ↔ 83		
	82 ↔ ↔ 88	X	X
9	85 ↔ ↔ 87	X	X
	86 ↔ ↔ 84	X	X
	91 ↔ ↔ 93		
	92 ↔ ↔ 98	X	X
10	95 ↔ ↔ 97	X	X
	96 ↔ ↔ 94	X	X
	101 ↔ ↔ 103		
	102 ↔ ↔ 108	X	X
	105 ↔ ↔ 107	X	X
	106 ↔ ↔ 104	X	X

MOUNTING HOLE DETAIL



DESCRIPTION

7610D 125VDCDXB



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7610D 125VDCDXB

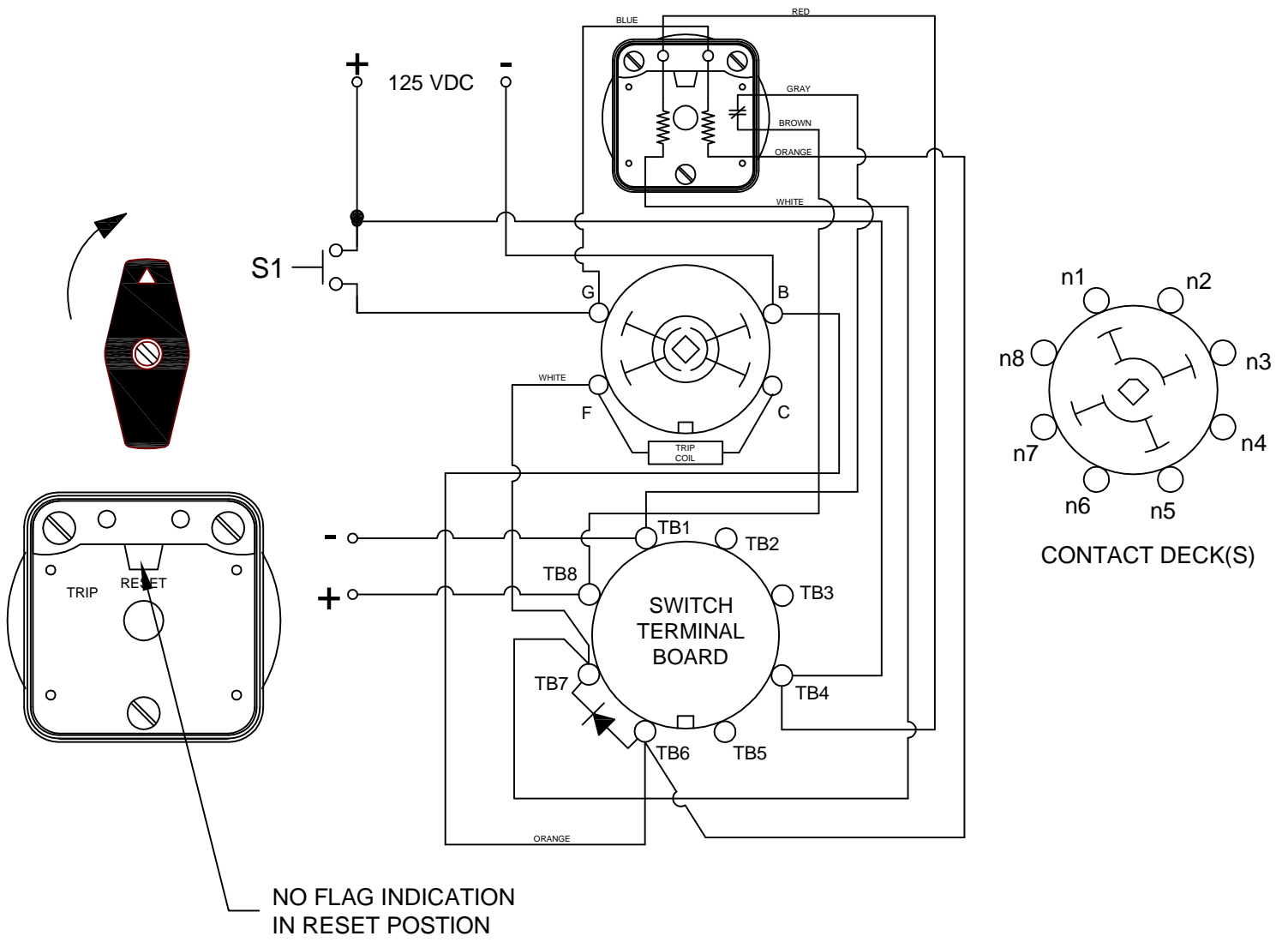
LOCK-OUT RELAYS (LOR)

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		RESULT	
ROTOR	RESET (AS SHOWN)	LEFT LED	ON
SWITCH 1 (S1)	OPEN	RIGHT LED	OFF
		SCADA CIRCUIT (TRIP COIL MONITOR)	OPEN

FIGURE A - RESET POSITION



DESCRIPTION

7610D 125VDCDXB

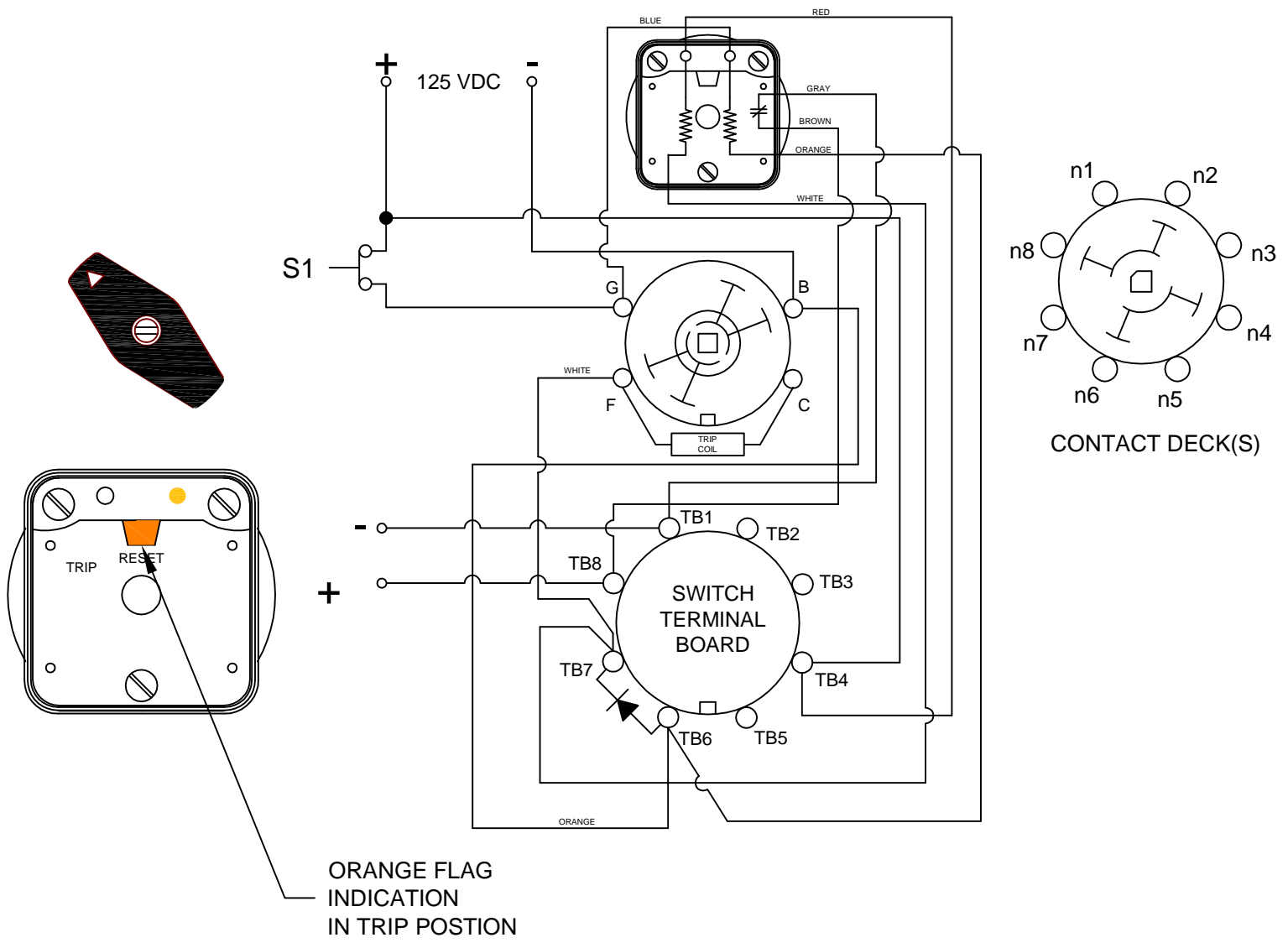
AN ISO 9001 COMPANY

308 COMPONENTS DRIVE
SMITHFIELD, NC 27577 USA

CONDITION #2		RESULT	
ROTOR	RESET (AS SHOWN)	LEFT LED	OFF
SWITCH 1 (S1)	CLOSED	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



DESCRIPTION

7610D 125VDCDXB

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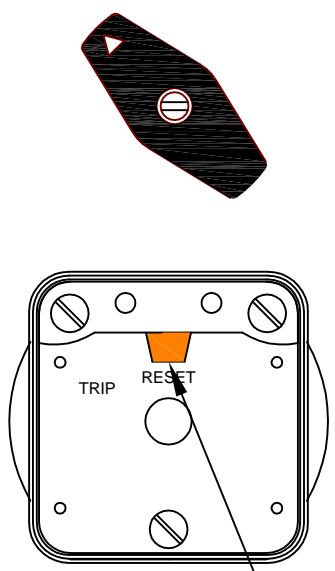
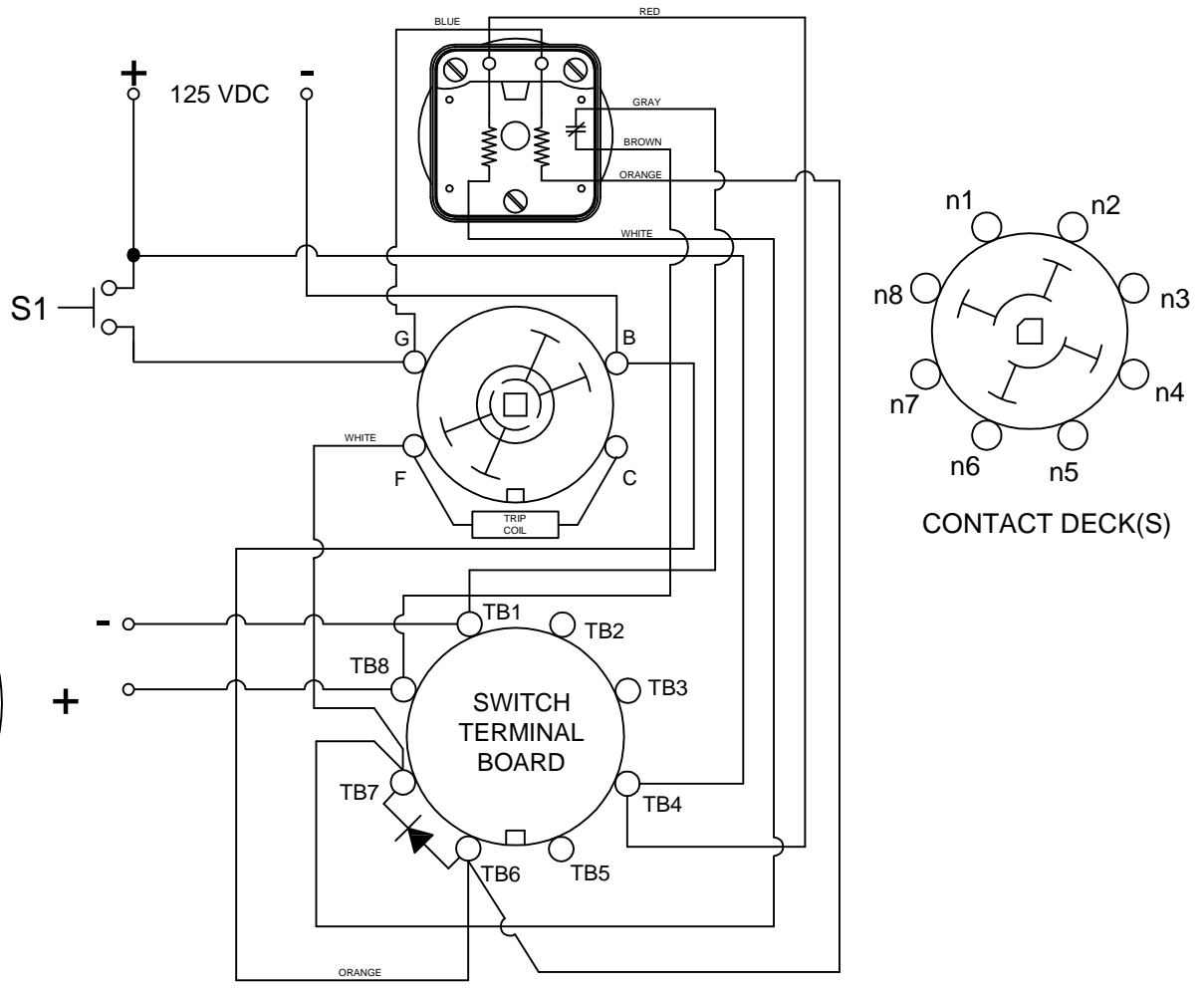
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CONDITION #2	
ROTOR	RESET (AS SHOWN)
SWITCH 1 (S1)	OPEN

RESULT	
LEFT LED	OFF
RIGHT LED	OFF
SCADA SWITCH	CLOSED

WHEN S1 RE-OPENS, THE RIGHT LED GOES OFF

FIGURE B - TRIP POSITION



ORANGE FLAG INDICATION IN TRIP POSITION

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