

**SPECIFICATIONS:**  
NO. OF POSITIONS: 2, TRIP AND RESET  
NO. OF SECTIONS: 5  
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: 48 VDC  
THRESHOLD VOLTAGE: 12 VDC  
OPERATING RANGE: 24 - 70 VDC  
CURRENT AT RATED VOLTAGE: 3.7 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	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

7605C 48VDCDBX



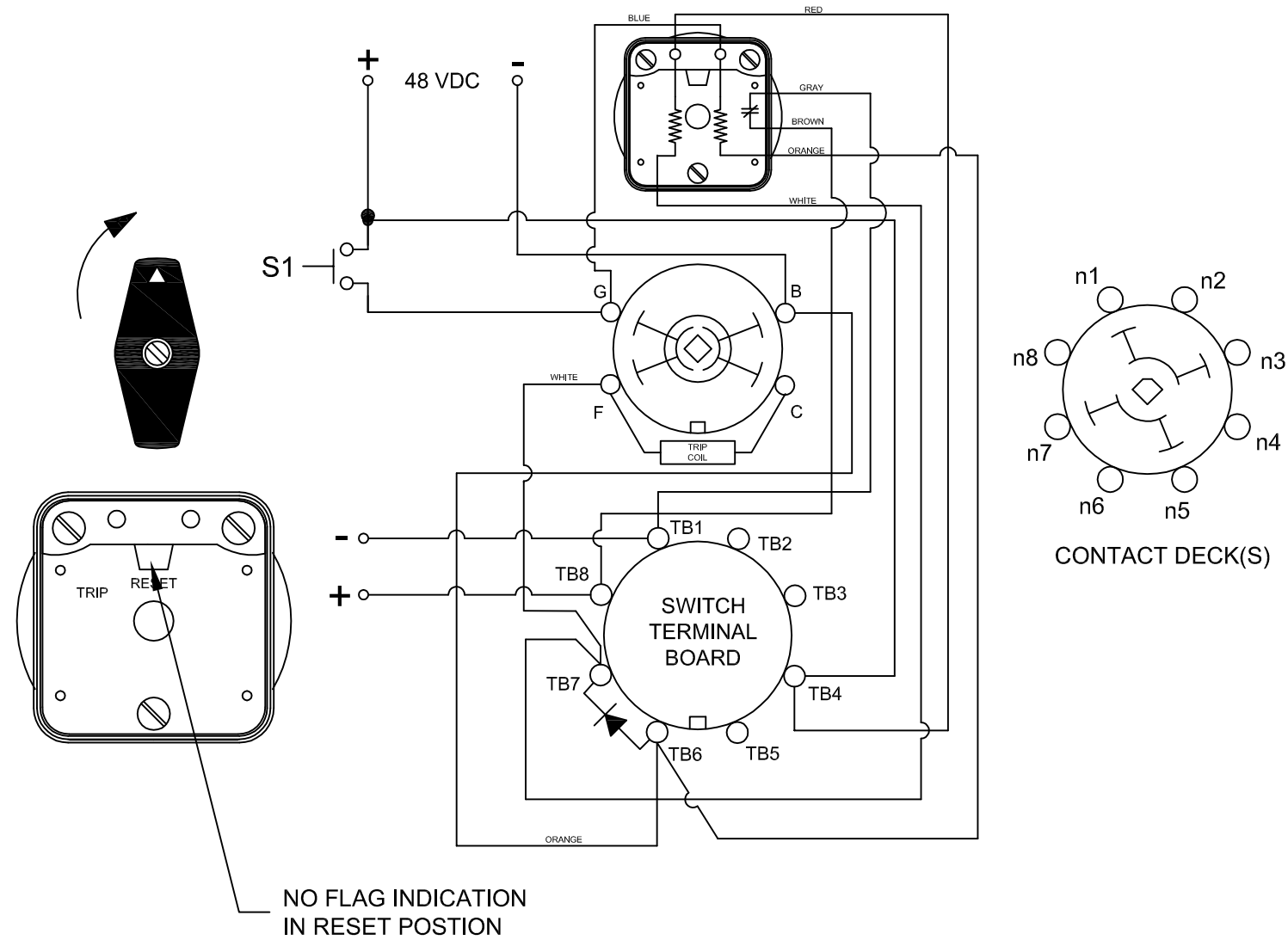
LOCK-OUT RELAYS (LOR)

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



RESULT	
LEFT LED	OFF
RIGHT LED	ON
SCADA SWITCH	CLOSED

FIGURE B - TRIP POSITION

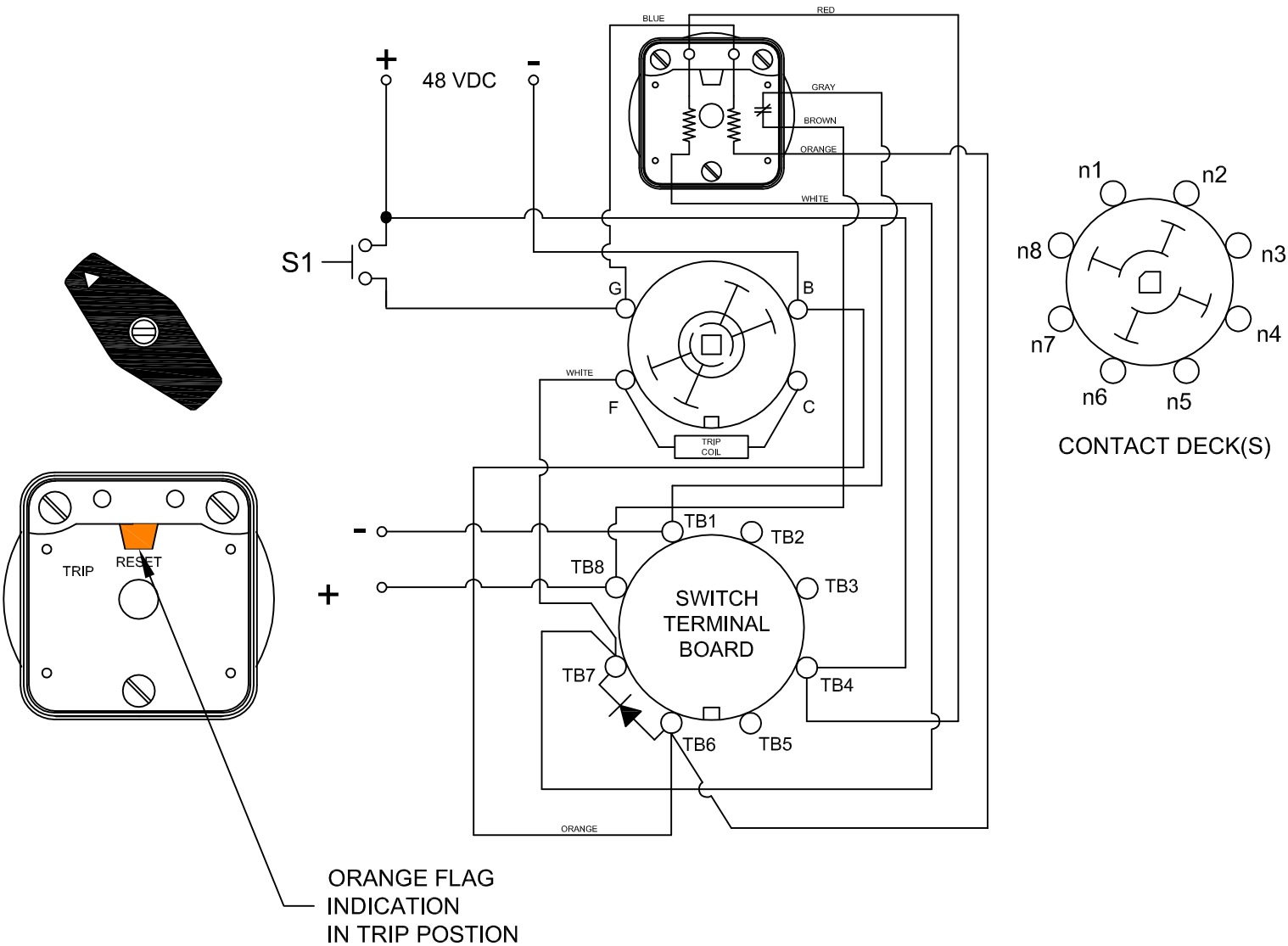
## DESCRIPTION

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 TURNS OFF AND THE SCADA CIRCUIT CLOSES. THE LED'S REMAIN OFF AND THE SCADA CIRCUIT WILL REMAIN CLOSED UNTIL ROTATED BACK TO THE RESET POSITION...

FIGURE B - TRIP POSITION



DESCRIPTION

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