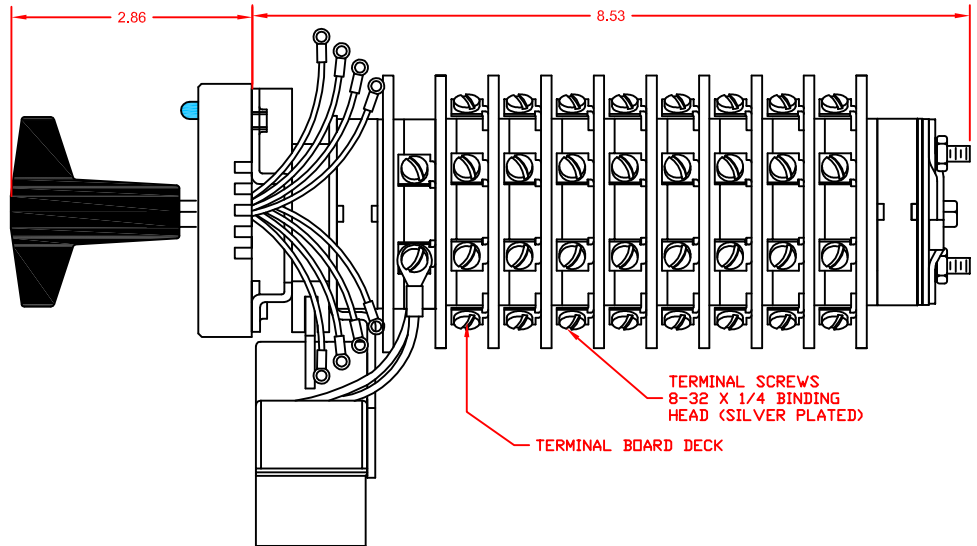
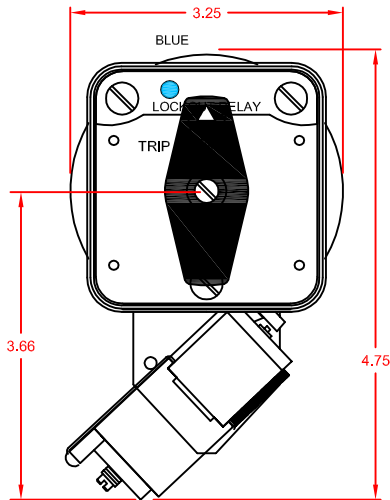


# 7607G 125VDC EXX



**SPECIFICATIONS:**

NO. OF POSITIONS: 2, TRIP AND RESET  
 NO. OF ACTIVE SECTIONS: 7

CONTACTS: 2 NORMALLY OPEN  
 2 NORMALLY CLOSED  
 PER DECK

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

**COIL SPECIFICATIONS:**

THE THRESHOLD VOLTAGE FOR THIS LOCK OUT RELAY IS 70 VDC. THIS LOCKOUT RELAY MUST NOT OPERATE AT ANY VOLTAGE BELOW 70 VDC.

THIS COIL MUST OPERATE AT 90 TO 140 VDC

**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

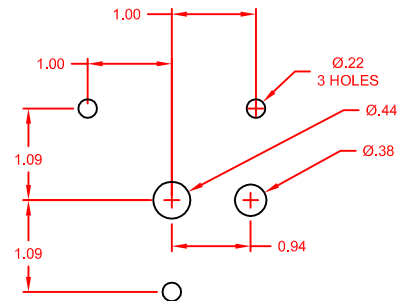
INSULATION RESISTANCE: 100 MEGOHMS INITIAL

CONTACT RESISTANCE: 10 MILLIOHMS MAX. INITIAL

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

DECK	CONTACTS	POSITION	
		TRIP	RESET
5	51 —  — 53	X	X
	52 —  — 58	X	X
	55 —  — 57	X	X
	56 —  — 54	X	X
6	61 —  — 63	X	X
	62 —  — 68	X	X
	65 —  — 67	X	X
	66 —  — 64	X	X
7	71 —  — 73	X	X
	72 —  — 78	X	X
	75 —  — 77	X	X
	76 —  — 74	X	X

**PANEL DRILLING**

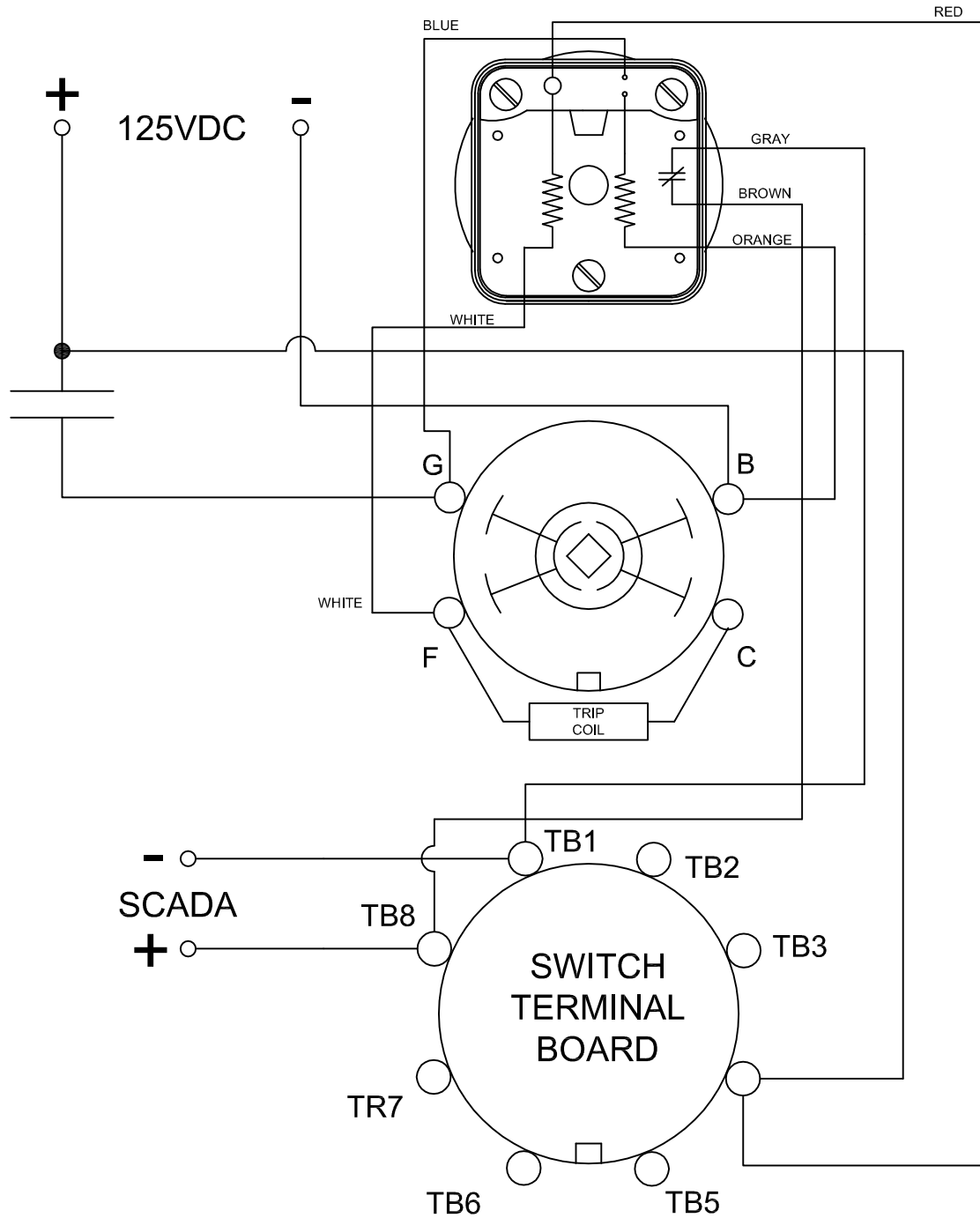


PART NUMBER

**7607G 125VDC EXX**



308 COMPONENTS DRIVE  
 SMITHFIELD, NC 27577 USA



PART NUMBER

**7607G 125VDCEXX**

# LOCK-OUT RELAYS (LOR)

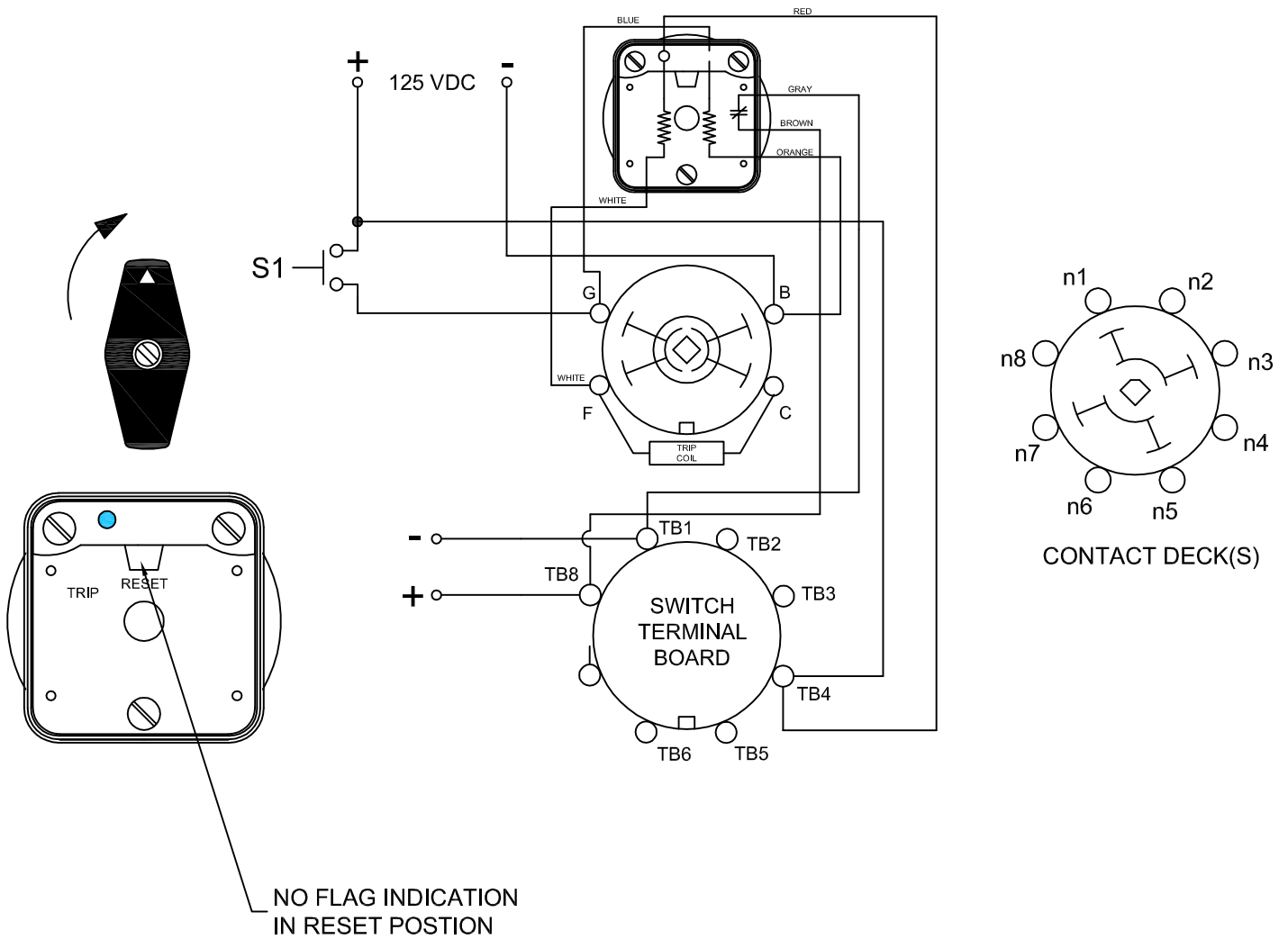
## GENERAL OPERATION:

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



PART NUMBER

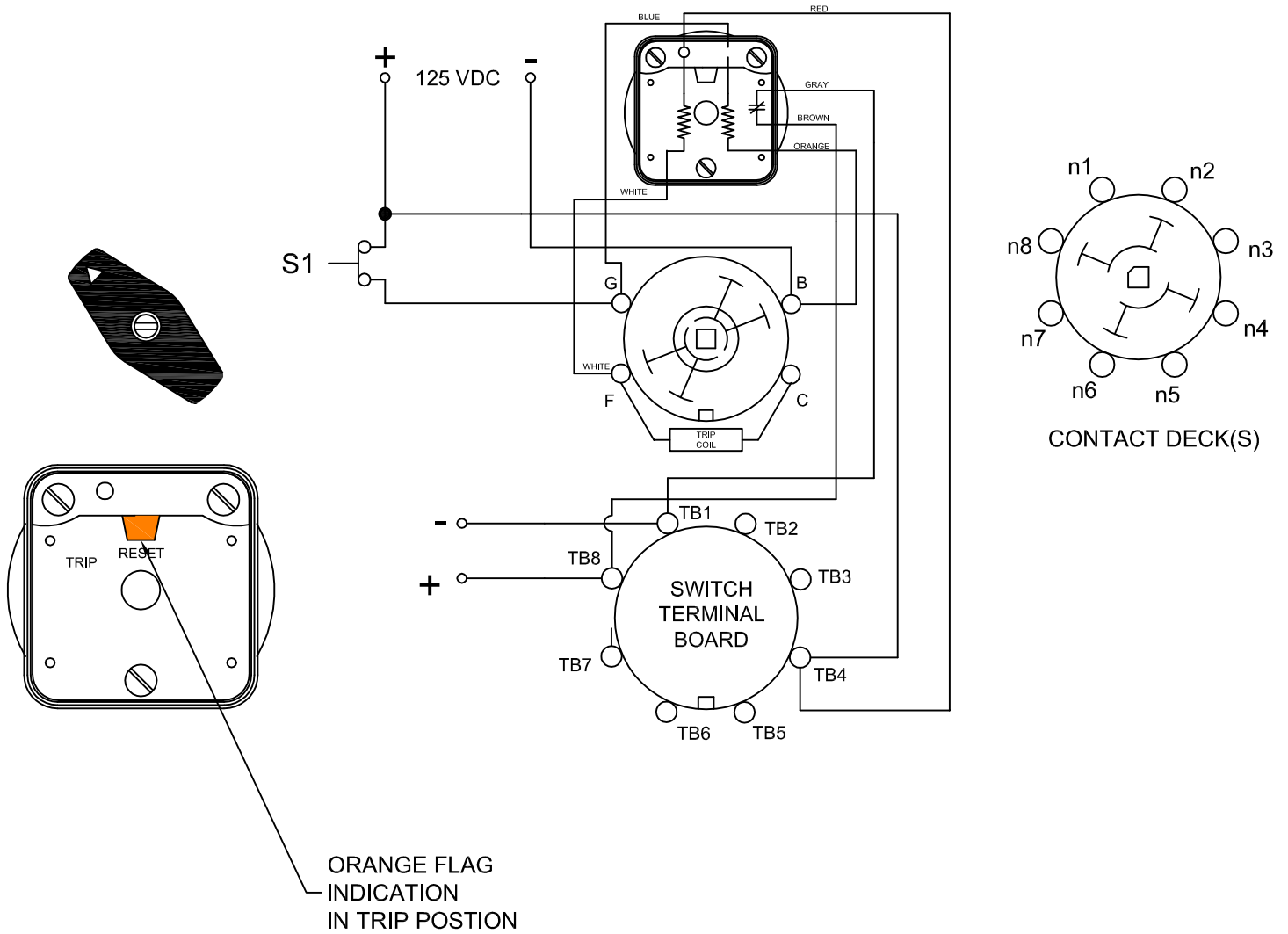
**7607G 125VDCEXX**

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



PART NUMBER

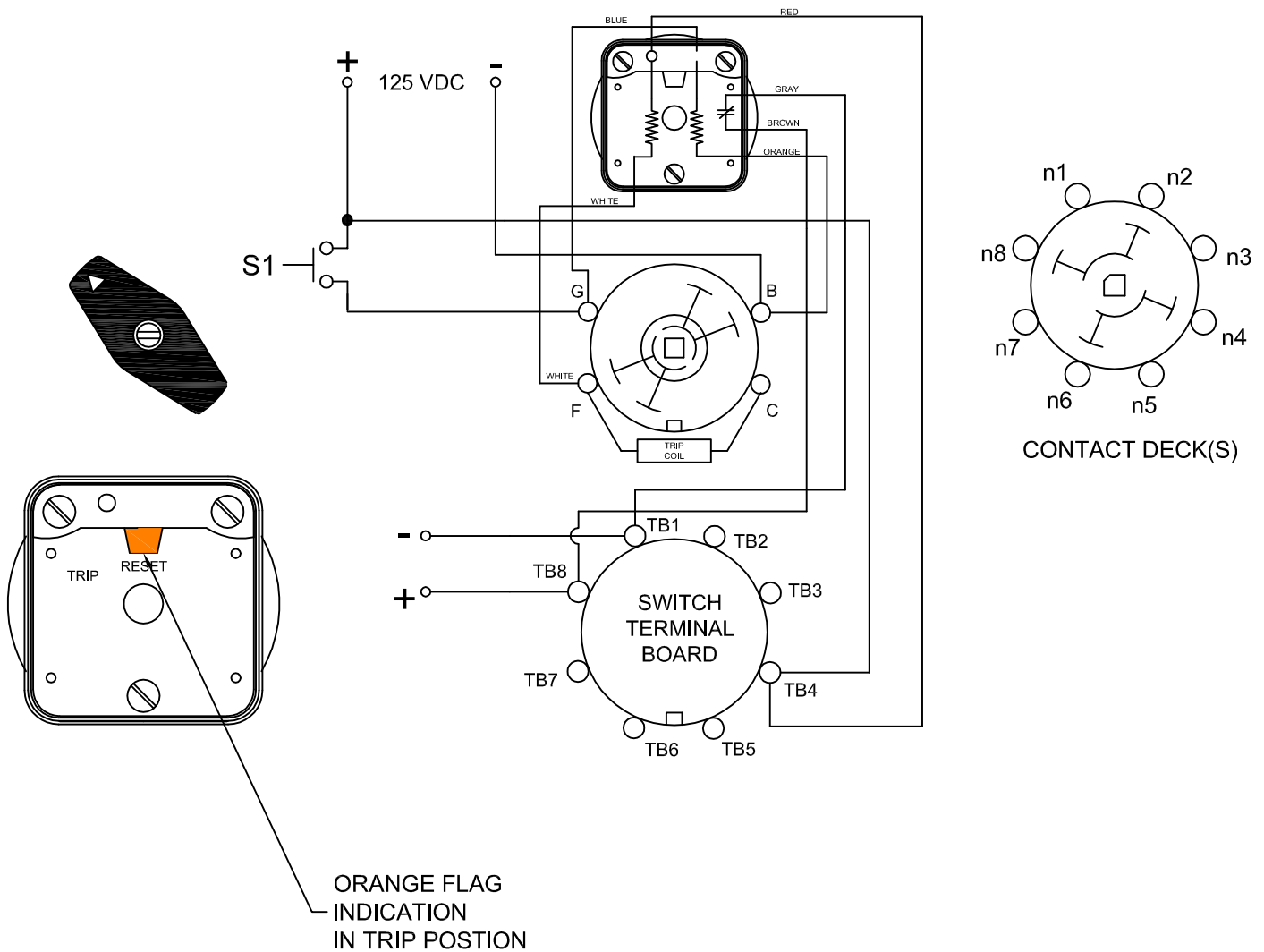
**7607G 125VDCEXX**

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



PART NUMBER

**7607G 125VDCEXX**