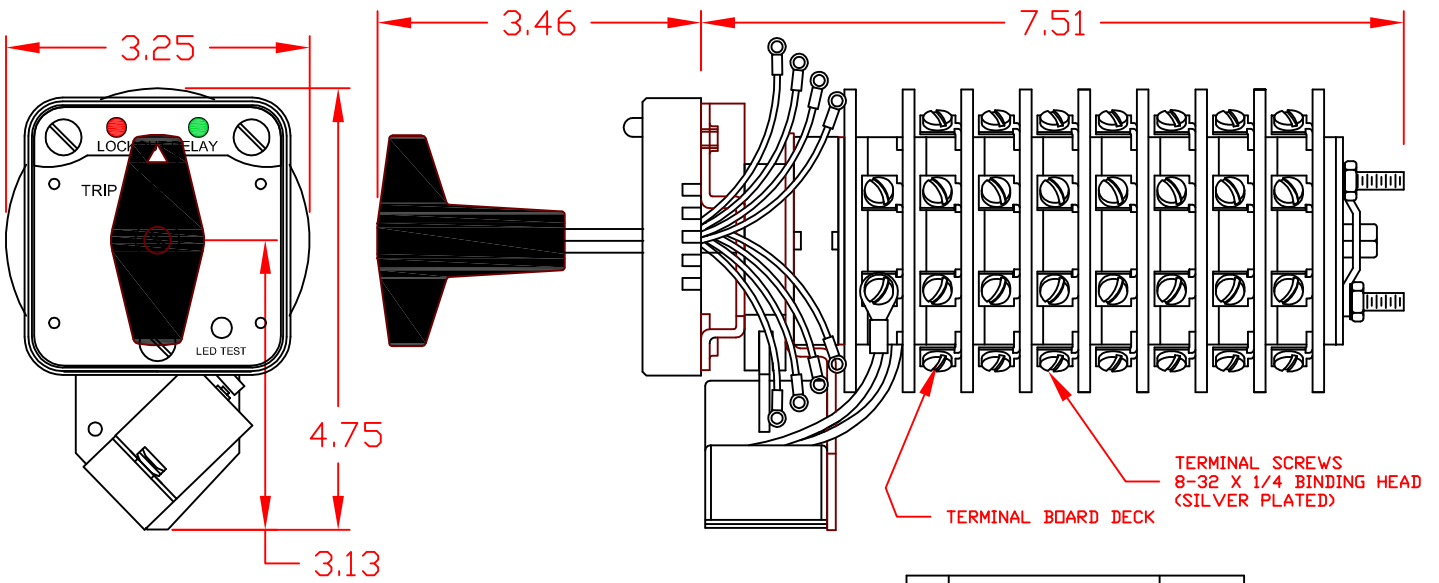


7606D 125VDCAXCPTT

REVISIONS			
LTR	DESCRIPTION	DATE	APP'D



SPECIFICATIONS:

NO. OF POSITIONS: 2, TRIP AND RESET
 NO. OF SECTIONS: 6
 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

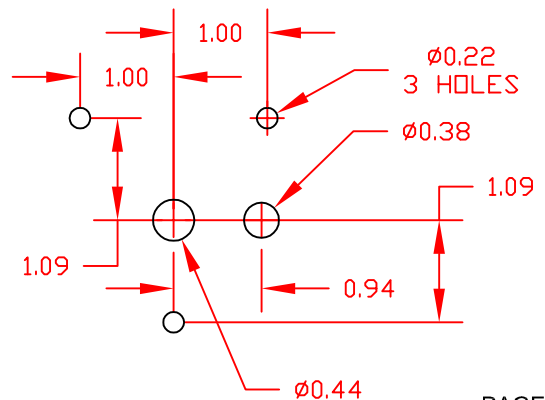
DIELECTRIC STRENGTH: 2200 VRMS

INSULATION RESISTANCE: 100 MEGOHMS INITIAL

CONTACT RESISTANCE: 10 MILLIOHMS MAX. INITIAL

DECK	CONTACTS	POSITION	
		TRIP	RESET
1	11 — — —> 13		
	12 — — —> 18	X	X
	15 — — —> 17		
	16 — — —> 14	X	X
2	21 — — —> 23		
	22 — — —> 28	X	X
	25 — — —> 27		
3	26 — — —> 24	X	X
	31 — — —> 33		
	32 — — —> 38	X	X
4	35 — — —> 37		
	36 — — —> 34	X	X
	41 — — —> 43		
	42 — — —> 48	X	X
5	45 — — —> 47		
	46 — — —> 44	X	X
	51 — — —> 53		
	52 — — —> 58	X	X
6	55 — — —> 57		
	56 — — —> 54	X	X
	61 — — —> 63		
	62 — — —> 68	X	X
	65 — — —> 67		
	66 — — —> 64	X	X

PANEL DRILLING DETAILS



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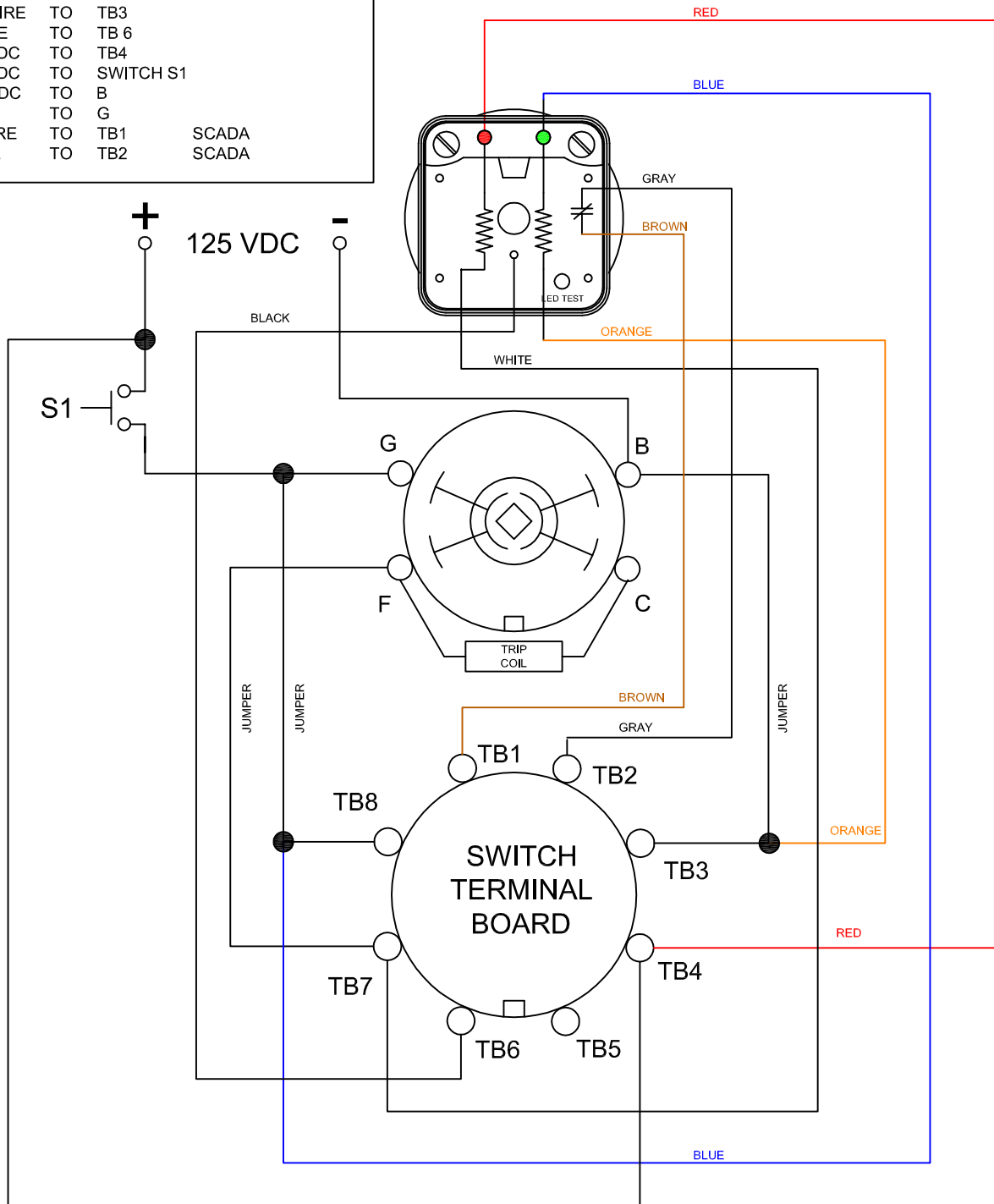


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WIRING		NOTES
G	TO TB8	JUMPER (DK TO DK)
F	TO TB7	JUMPER (DK TO DK)
B	TO TB3	JUMPER (DK TO DK)
BLUE WIRE	TO TB8	
WHITE WIRE	TO TB7	
RED WIRE	TO TB4	
ORANGE WIRE	TO TB3	
BLACK WIRE	TO TB 6	
+125 VOLT DC	TO TB4	
+125 VOLT DC	TO SWITCH S1	
- 125 VOLT DC	TO B	
SWITCH S1	TO G	
BROWN WIRE	TO TB1	SCADA
GRAY WIRE	TO TB2	SCADA



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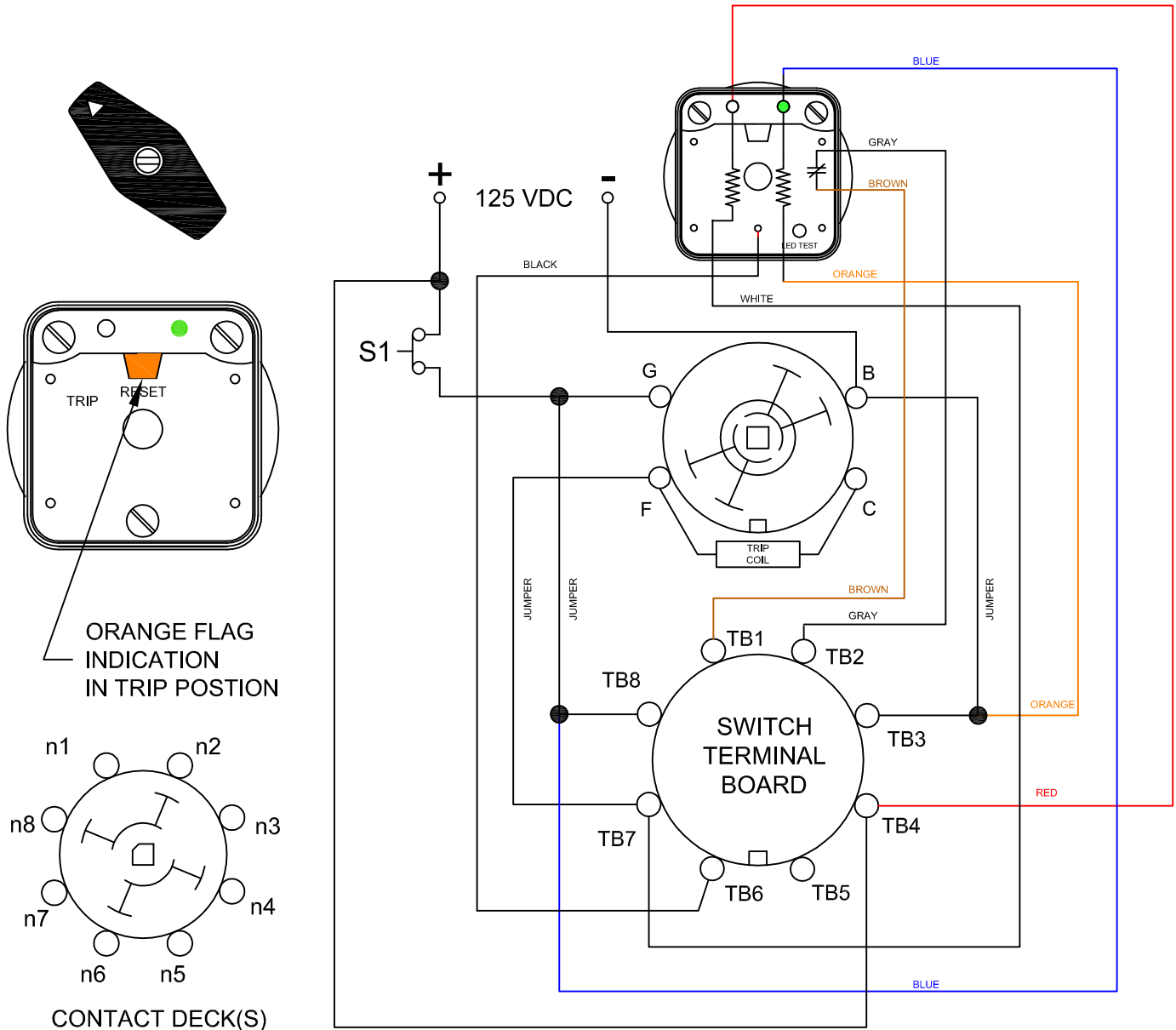
REVISIONS		
LTR	DESCRIPTION	DATE APP'D

WHEN S1 CLOSSES, THE COIL CAUSES A MECHANICAL ROTATION OF THE RELAY RESULTING IN THE SWITCH ROTOR ADVANCE TO THE "TRIP" POSITION SHOWN

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

RESULT		BY PRESSING THE LED TEST BUTTON, BOTH THE LEFT AND RIGHT LED WILL ILLUMINATE UNTIL RELEASING THE BUTTON
LEFT LED	OFF	
RIGHT LED	ON	
SCADA SWITCH	CLOSED	

FIGURE B - TRIP POSITION



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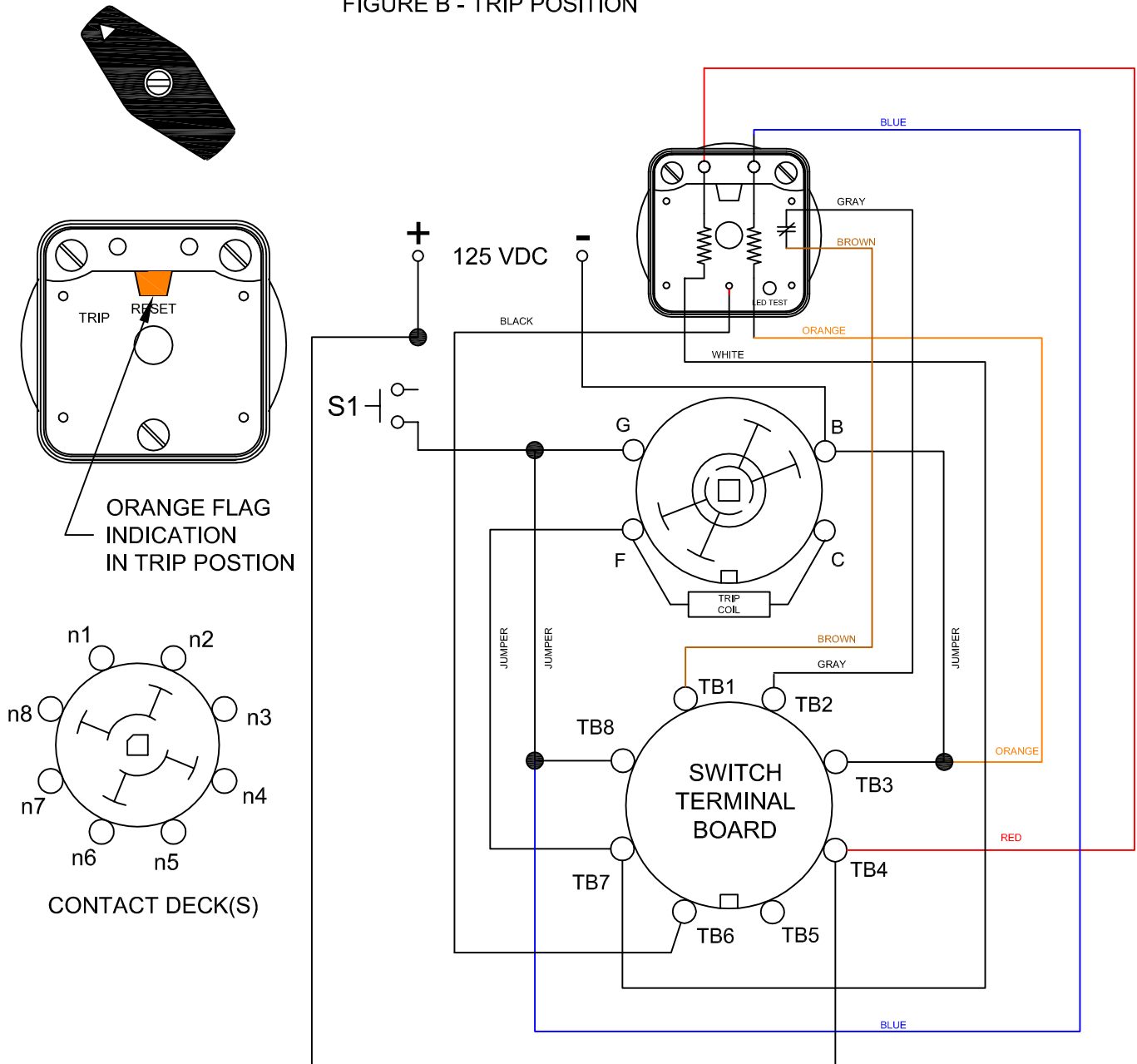
REVISIONS			
LTR	DESCRIPTION	DATE	APP'D

WHEN S1 OPENS BACK, THE SCADA CIRCUIT WILL REMAIN CLOSED UNTIL THE LOR IS ROTATED BACK INTO THE RESET POSITION.

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

RESULT		BY PRESSING THE LED TEST BUTTON, BOTH THE LEFT AND RIGHT LED WILL ILLUMINATE UNTIL RELEASING THE BUTTON
LEFT LED	OFF	
RIGHT LED	OFF	
SCADA SWITCH	CLOSED	

FIGURE B - TRIP POSITION



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