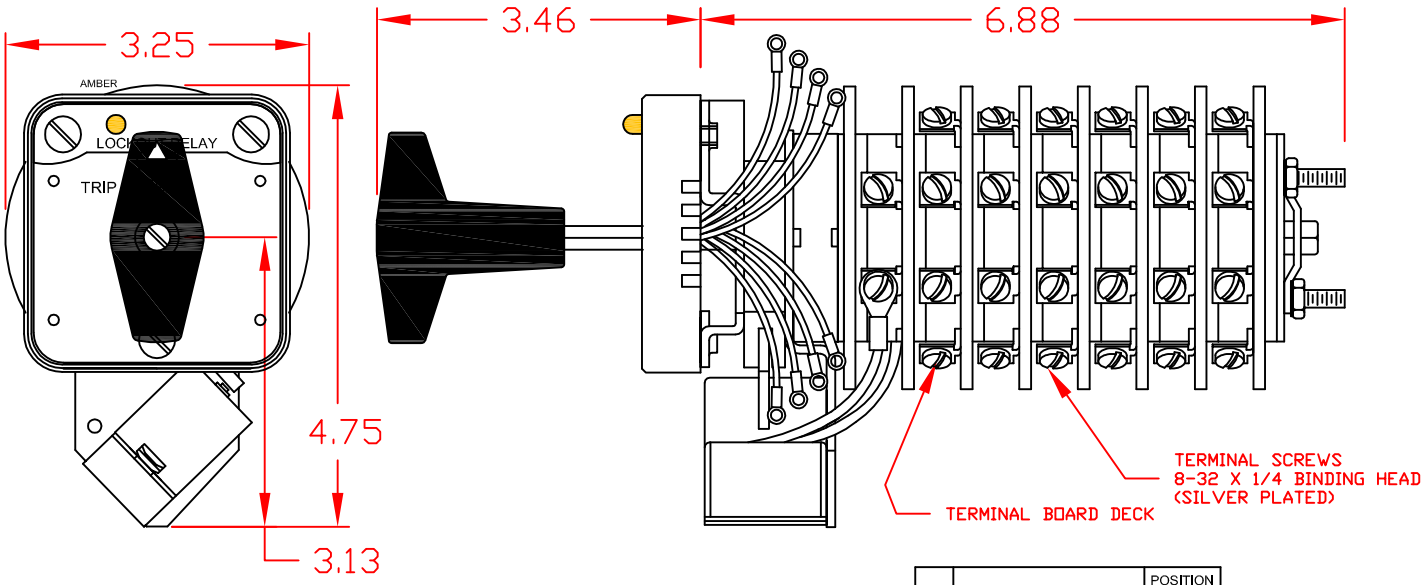
7605E 125VDCBXX



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/LIGHTED PANEL SPECIFICATIONS:
OPERATING VOLTAGE: 125 VDC
OPERATING RANGE: 45-140 VDC
CURRENT AT RATED VOLTAGE: 2.5 AMPS

ELECTRICAL RATINGS:
25A/120 VAC 15A/600 VAC
20A/600 VAC (RESISTIVE)
3A/125 VDC 1A/250 VDC

DECK	CONTACTS	POSITION TRIP	POSITION 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	
4	41 — 43		X
	42 — 48	X	
	45 — 47		X
	46 — 44	X	
5	51 — 53		X
	52 — 58	X	
	55 — 57		X
	56 — 54	X	

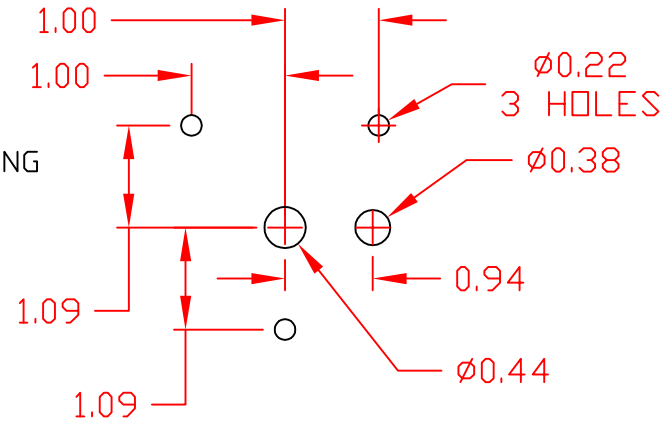
OVERLOAD CURRENT
(50 OPERATIONS):
95 A/120 VAC
65 A/240 VAC
35 A/600 VAC

DIELECTRIC STRENGTH:
2200 VRMS

INSULATION RESISTANCE:
100 MEGOHMS INITIAL

CONTACT RESISTANCE:
10 MILLIOHMS MAX. INITIAL

MOUNTING HOLE DETAIL



DESCRIPTION

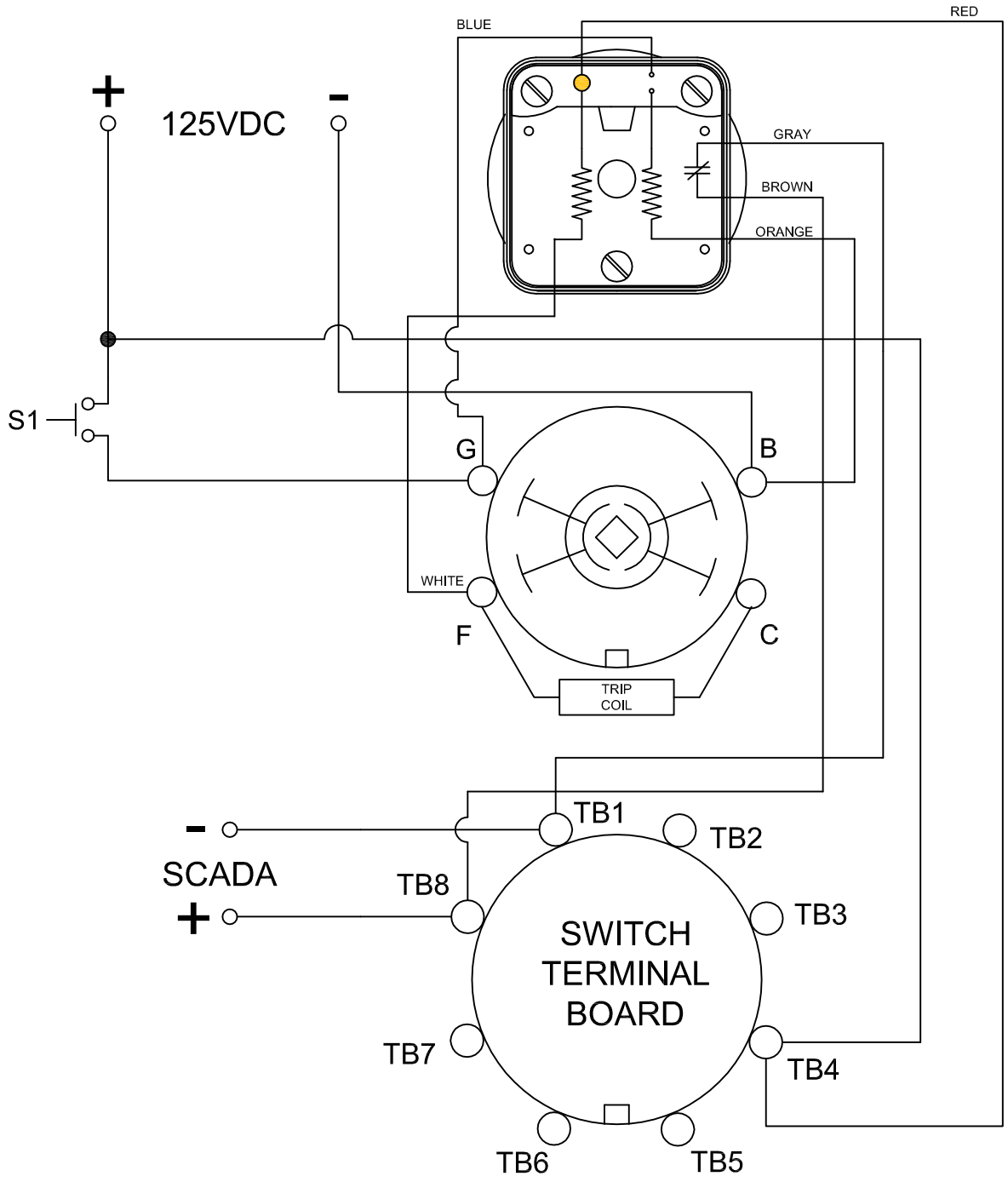
LOCK-OUT RELAY SPECIFICATION SHEET

PART NUMBER

7605E 125VDCBXX

SHALLCO
AN ISO 9001 COMPANY

308 COMPONENTS DRIVE
SMITHFIELD, NC 27577 USA



DESCRIPTION

LOCK-OUT RELAY SPECIFICATION SHEET

PART NUMBER

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AN ISO 9001 COMPANY

308 COMPONENTS DRIVE
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LOCK-OUT RELAYS (LOR)

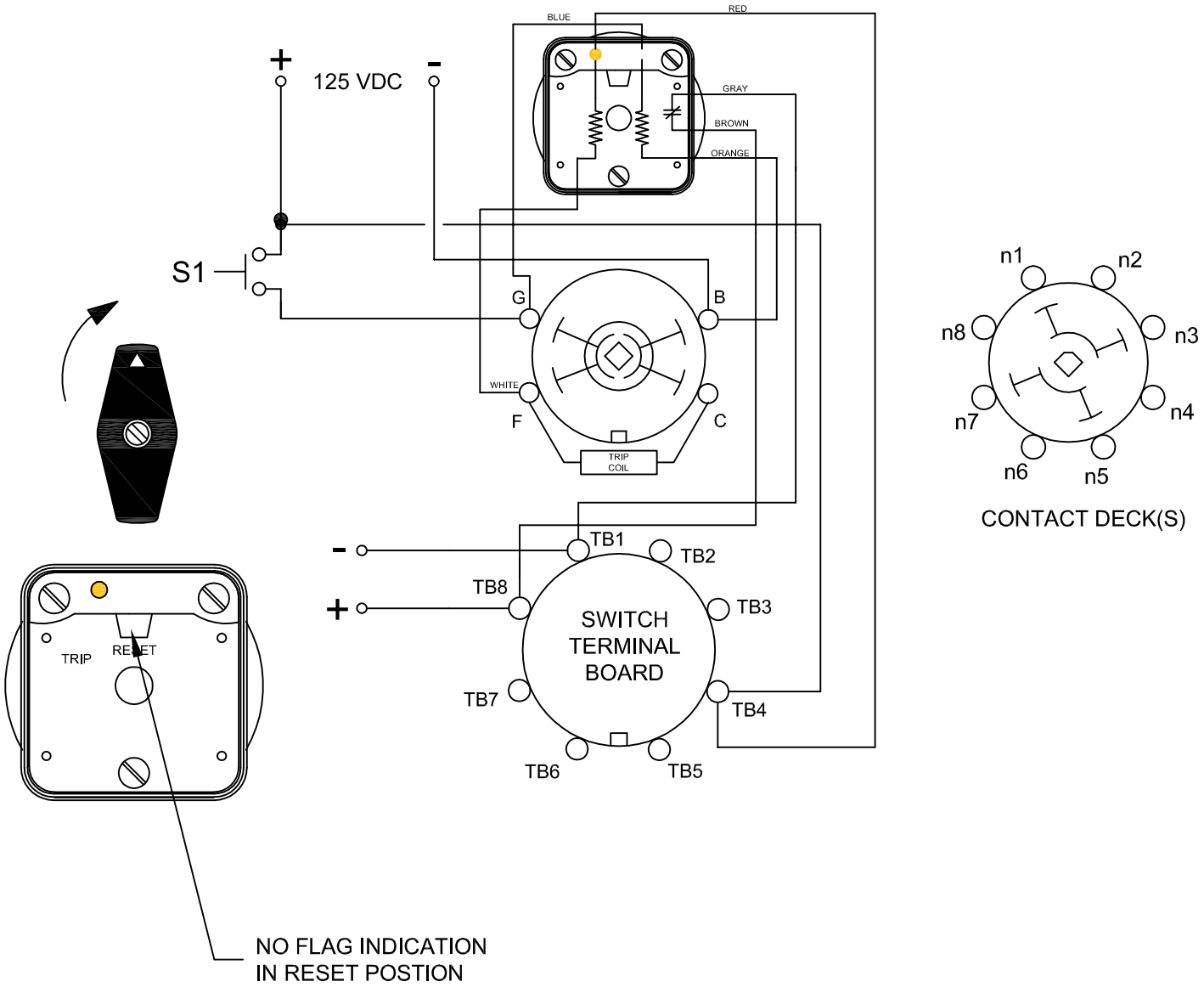
GENERAL OPERATION:

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



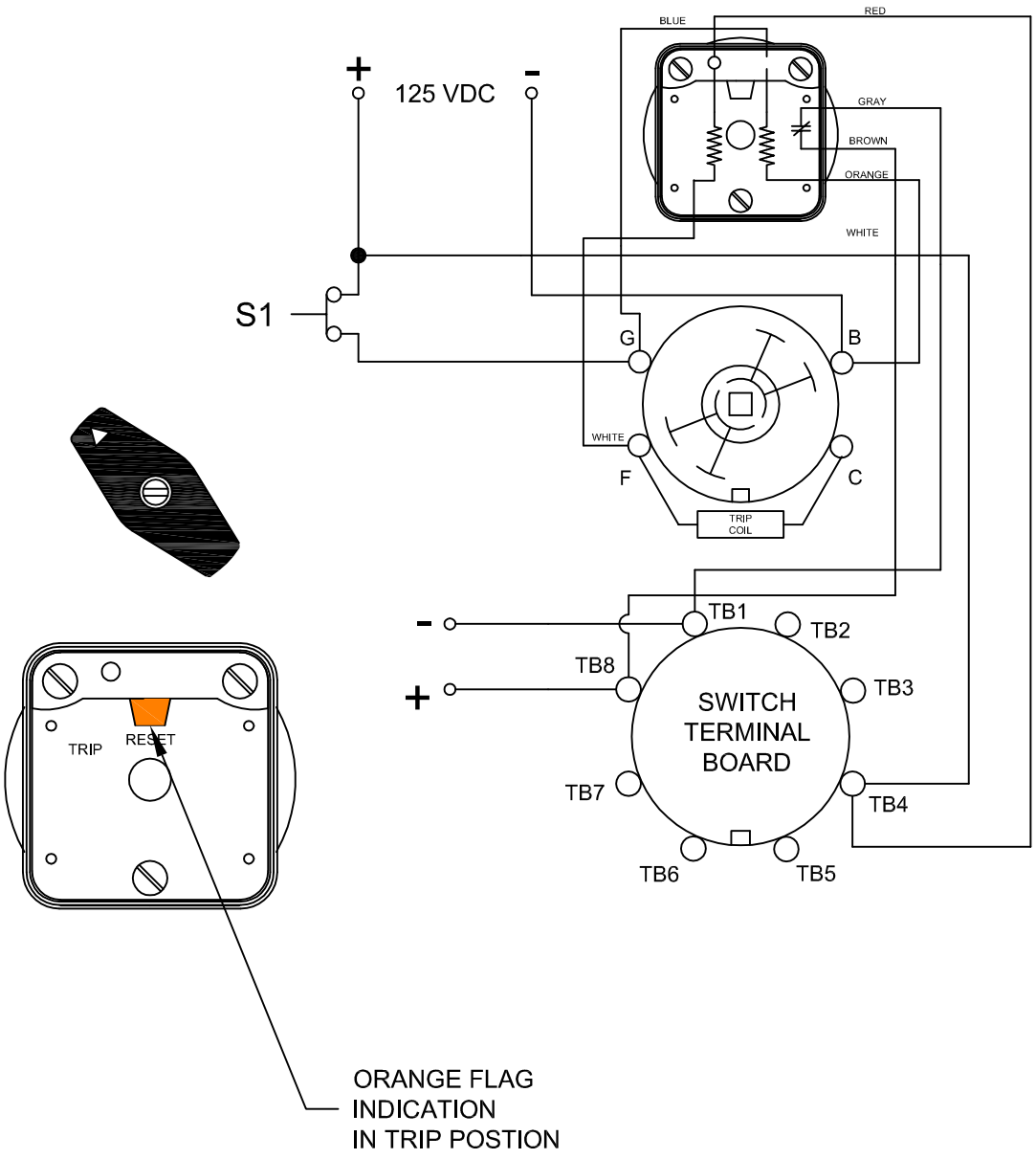
CONTACT DECK(S)

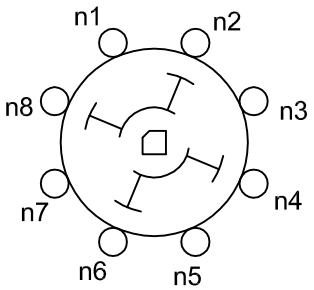
CONDITION #2	
ROTOR	TRIP (AS SHOWN)
SWITCH 1 (S1)	CLOSED

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





CONTACT DECK(S)

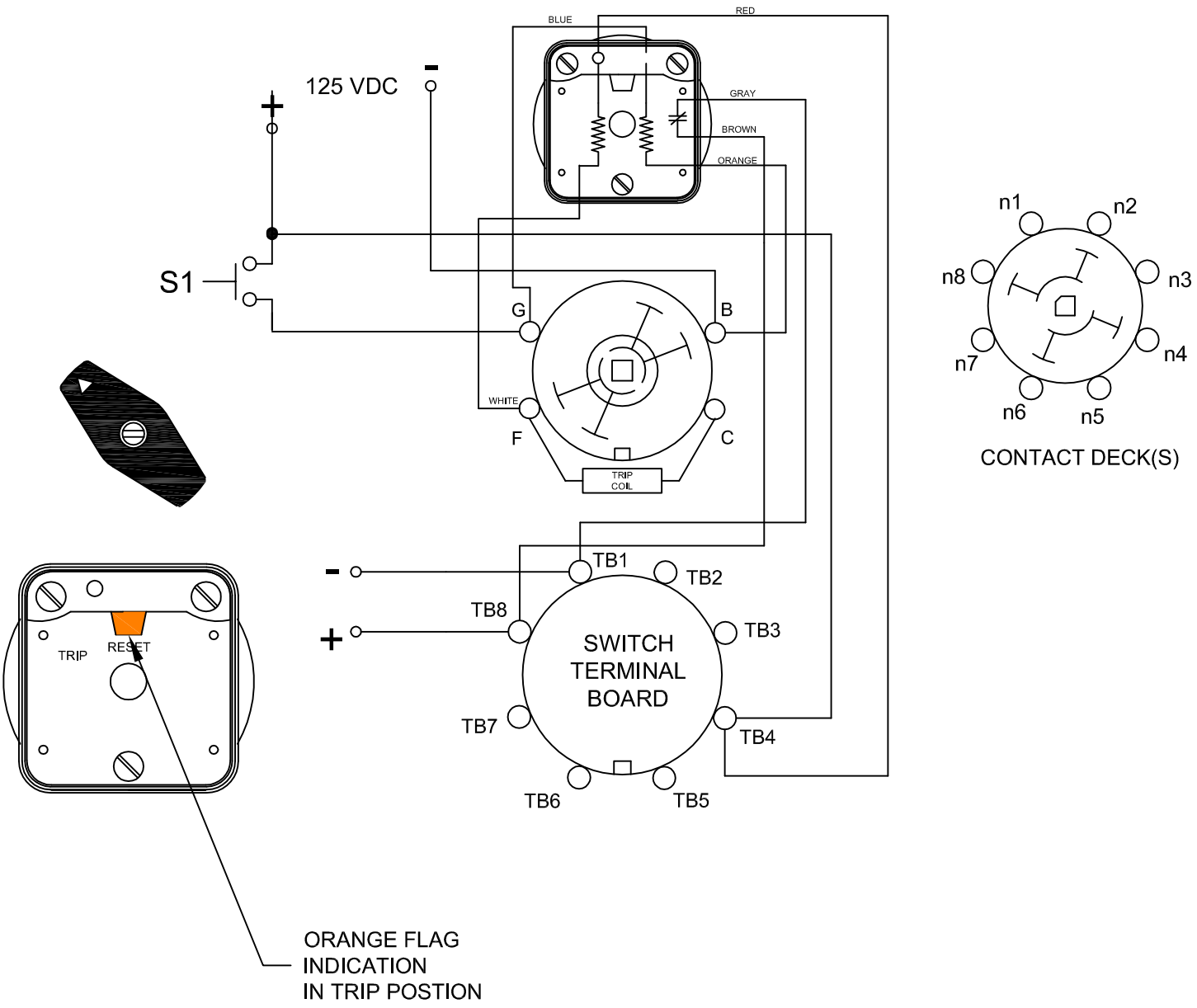
DESCRIPTION	PART NUMBER
LOCK-OUT RELAY SPECIFICATION SHEET	7605E 125VDCBXX

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

RESULT	
LEFT LED	OFF
SCADA SWITCH	CLOSED

WHEN S1 OPENS, THE SCADA SWITCH CIRCUIT WILL REMAIN CLOSED UNTIL THE LOCK OUT RELAY IS ROTATED BACK TO THE RESET POSITION

FIGURE B - TRIP POSITION



CONTACT DECK(S)

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LOCK-OUT RELAY SPECIFICATION SHEET

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