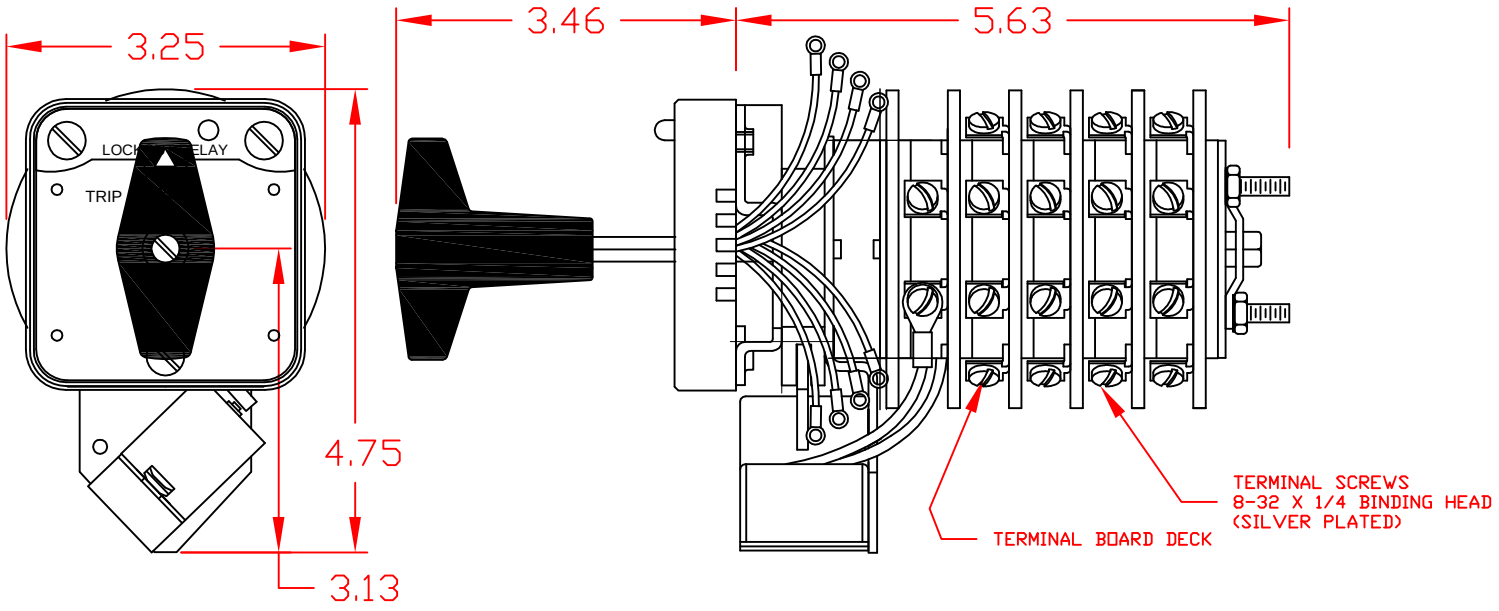
7603E 125VDC XXA

REVISIONS			
LTR	DESCRIPTION	DATE	APP



SPECIFICATIONS:
NO. OF POSITIONS: 2, TRIP AND RESET
NO. OF SECTIONS: 3
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
THRESHOLD VOLTAGE: 23VDC
OPERATING RANGE: 45 - 140 VDC
CURRENT AT RATED VOLTAGE: 2.5 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	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	

DESCRIPTION

LOCK-OUT RELAY SPECIFICATION SHEET

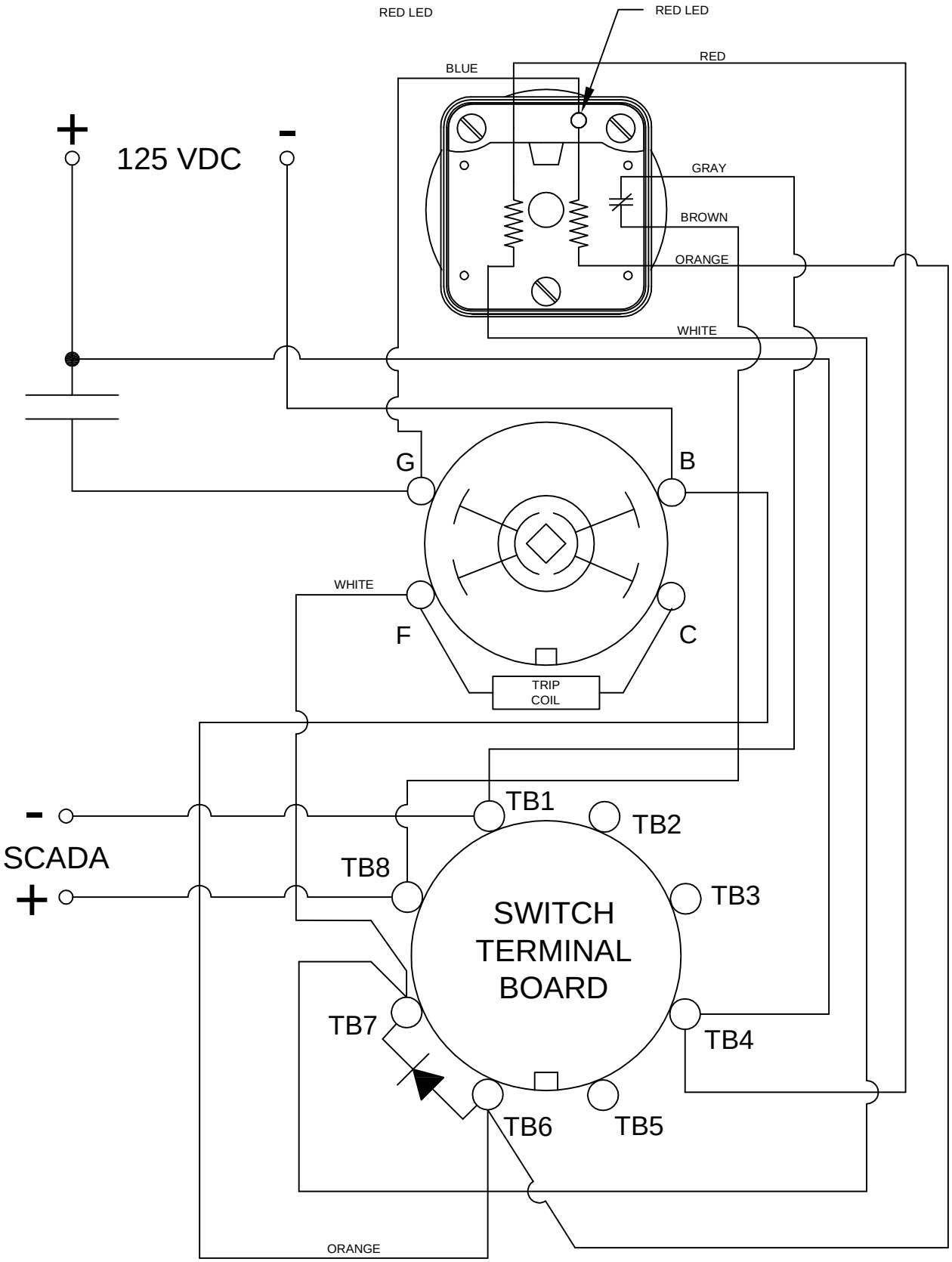
PART NUMBER

7603E 125VDCXXA

SHALLCO
AN ISO 9001 COMPANY
308 COMPONENTS DRIVE
SMITHFIELD, NC 27577 USA

7603E 125VDC XXA

REVISIONS			
LTR	DESCRIPTION	DATE	APP



DESCRIPTION

LIGHTED ESCUTCHEON PANEL
WIRING DIAGRAM

PART NUMBER

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REVISIONS			
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LOCK-OUT RELAYS (LOR)

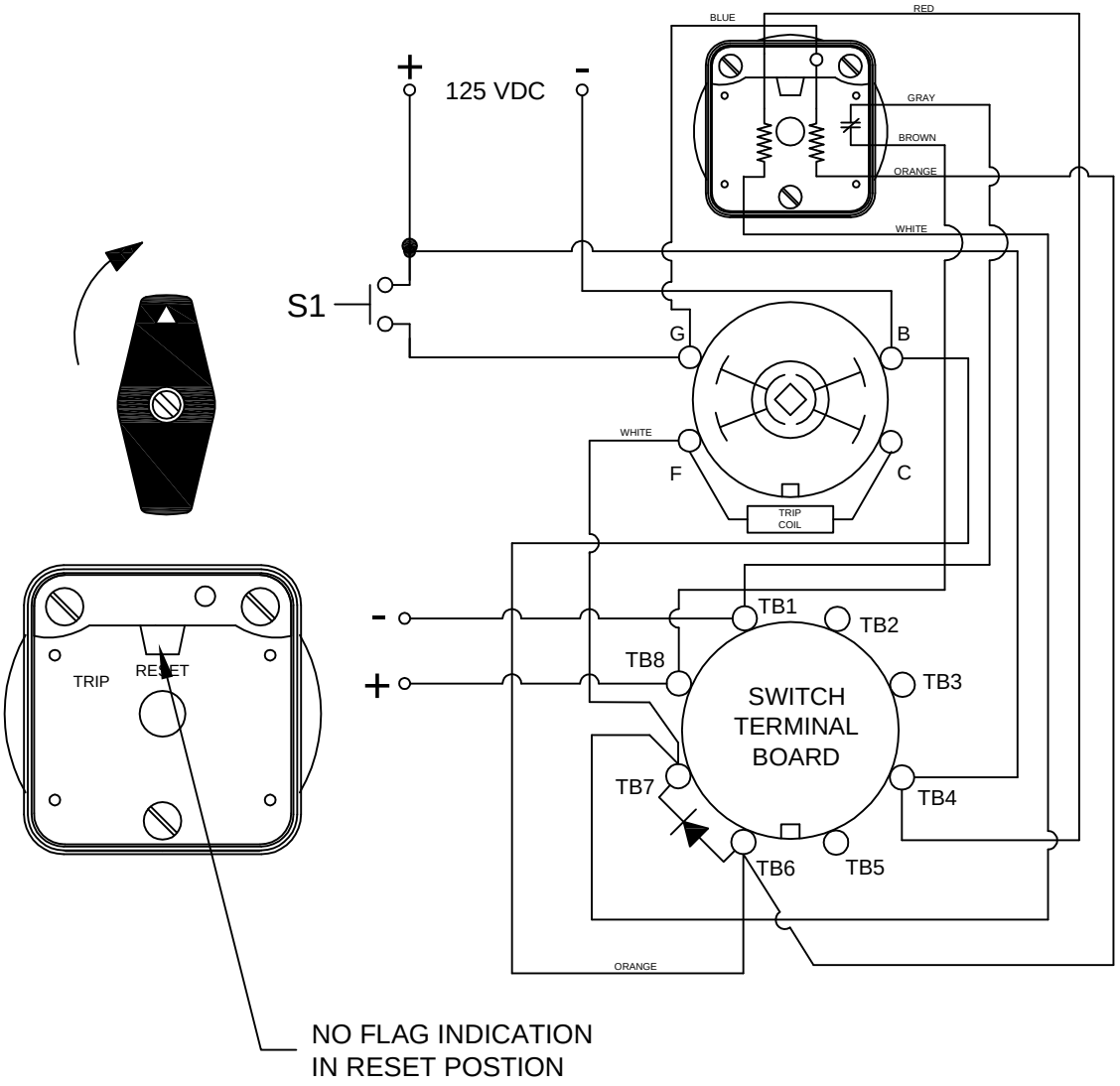
GENERAL OPERATION:

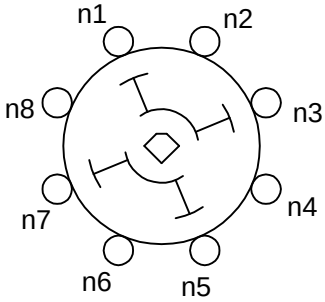
THE HANDLE OF THE LOR MUST BE MANUALLY ROTATED CLOCKWISE TO PLACE THE UNIT IN THE "RESET" POSITION (SEE FIGURE A)

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

RESULT	
LED	OFF
SCADA CIRCUIT TRIP COIL MONITOR)	OPEN

FIGURE A - RESET POSITION





CONTACT DECK(S)

DESCRIPTION

LOCK-OUT RELAY SPECIFICATION SHEET

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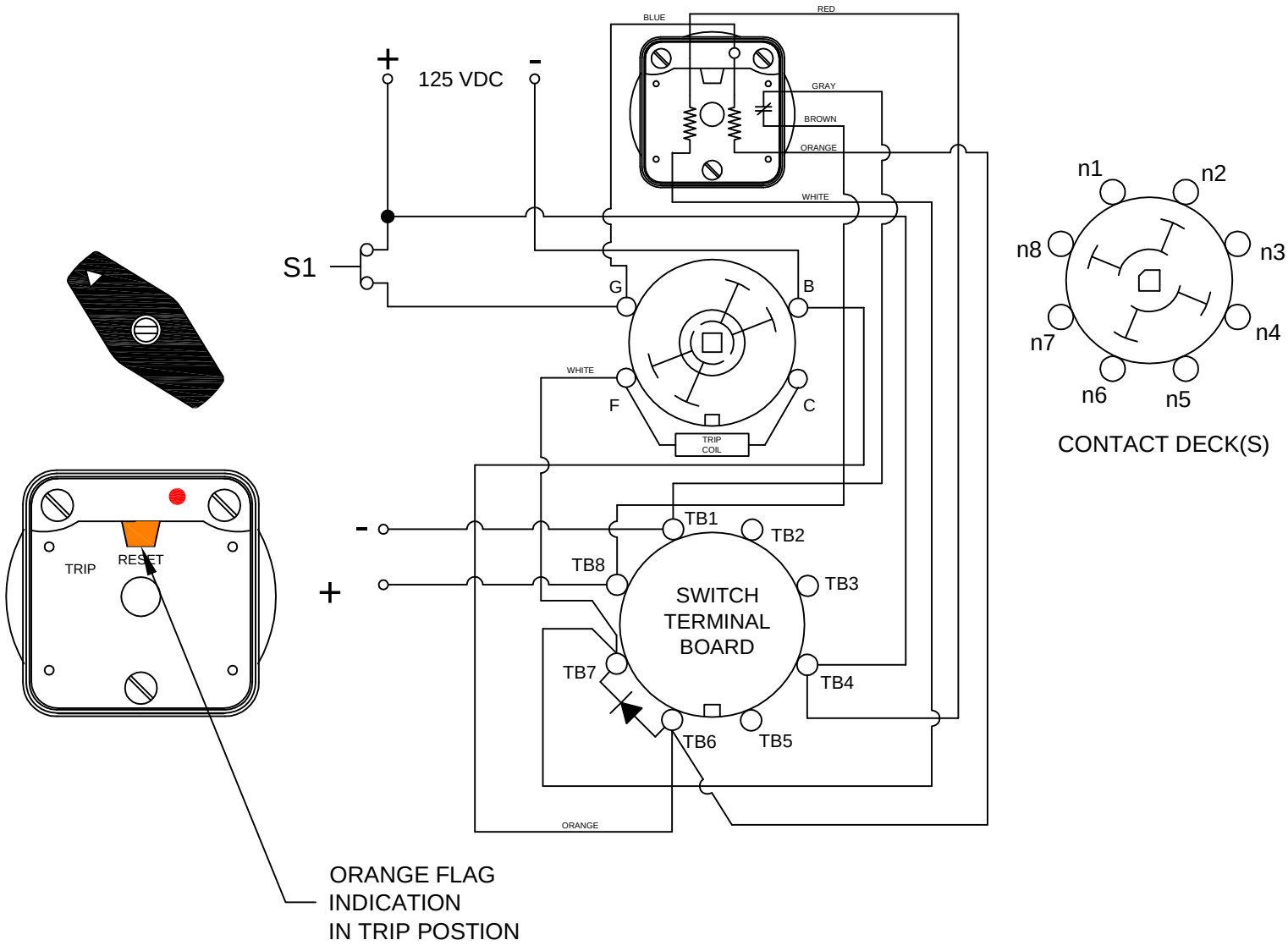
REVISIONS			
LTR	DESCRIPTION	DATE	APP

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

RESULT	
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

LOCK-OUT RELAY SPECIFICATION SHEET

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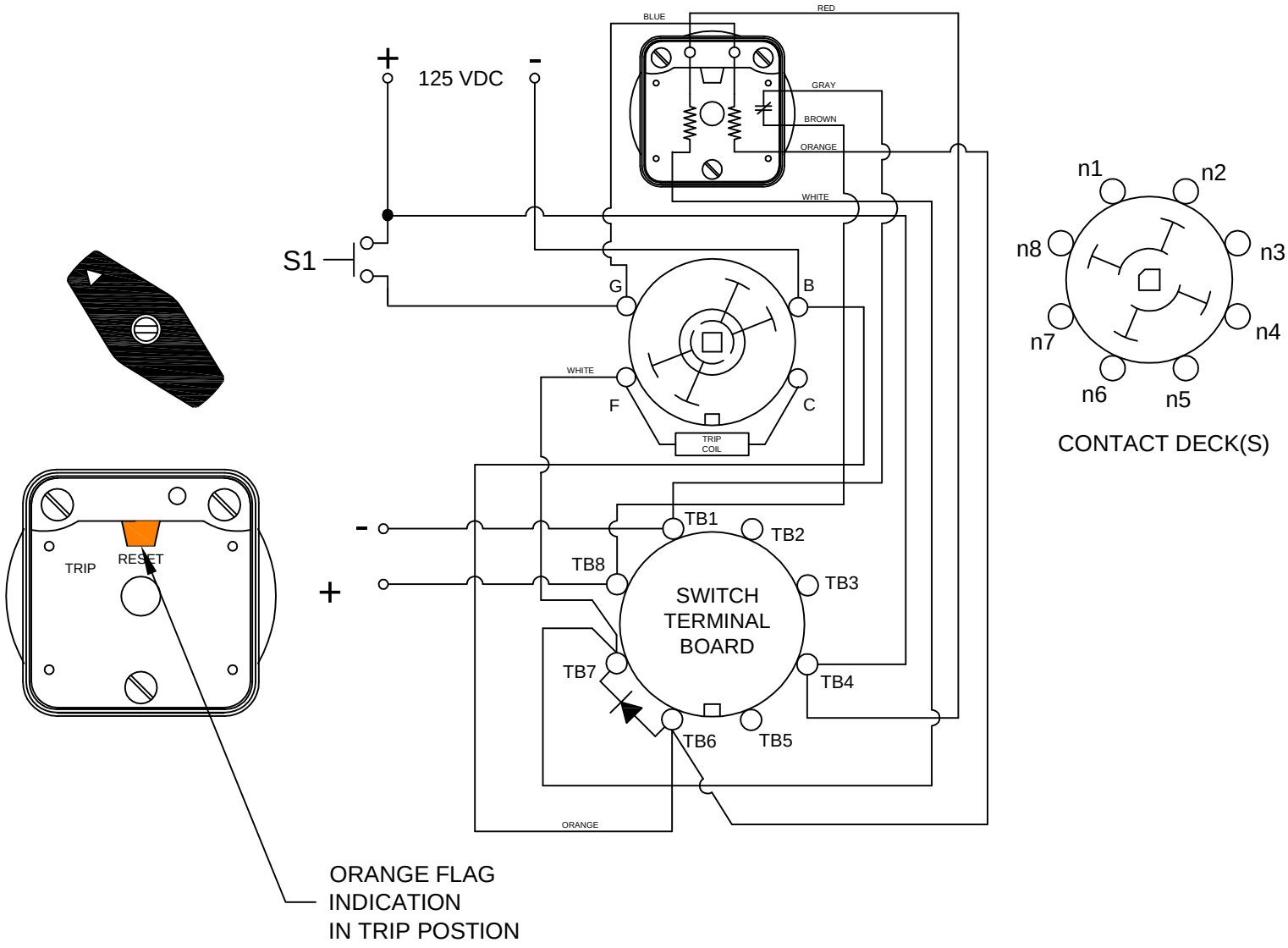
REVISIONS			
LTR	DESCRIPTION	DATE	APP

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

RESULT	
RIGHT 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



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LOCK-OUT RELAY SPECIFICATION SHEET

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