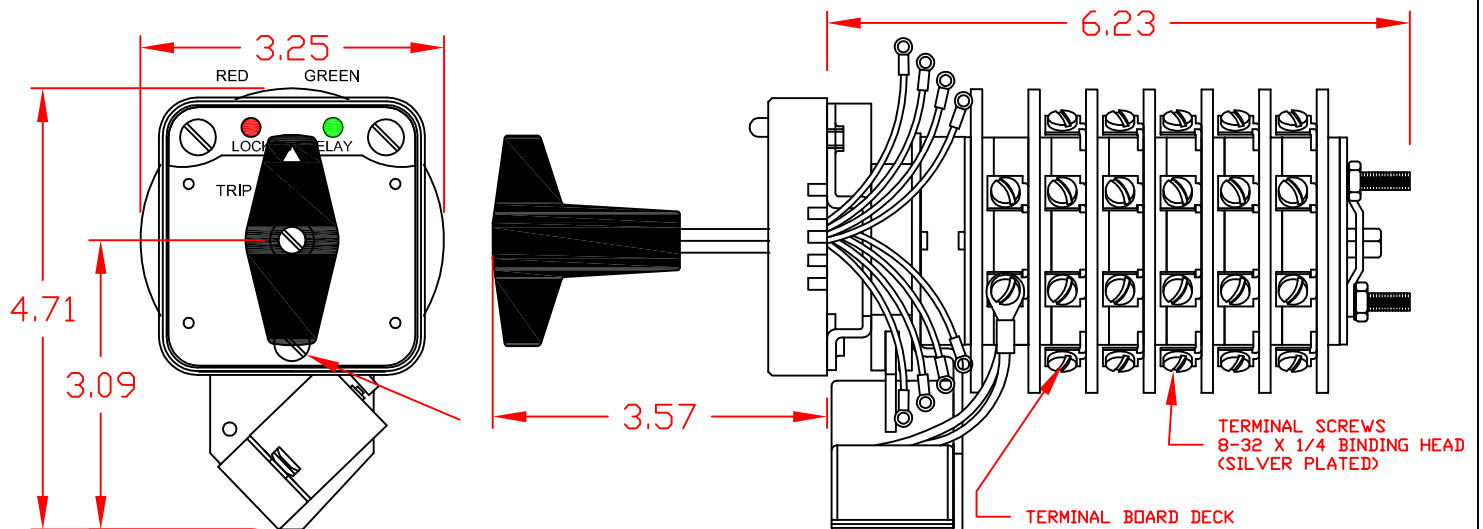


# 7604D 125VDCAXC



## SPECIFICATIONS:

NO. OF POSITIONS: 2, TRIP AND RESET

NO. OF SECTIONS: 4

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



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

## 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

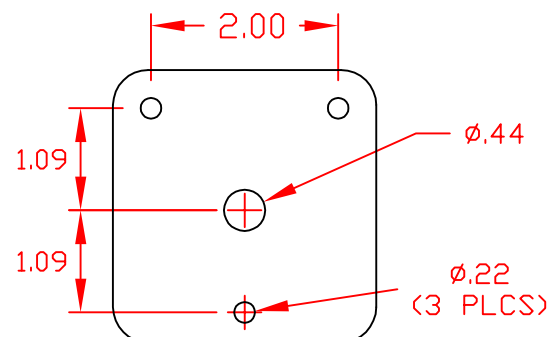
35 A/600 VAC

DIELECTRIC STRENGTH: 2200 VRMS

INSULATION RESISTANCE: 100 MEGOHMS INITIAL

CONTACT RESISTANCE: 10 MILLIOHMS MAX. INITIAL

## NAMEPLATE AND PANEL DRILLING DIMENSIONS



## DESCRIPTION

7604D 125VDCAXC

REV. A



308 COMPONENTS DRIVE  
SMITHFIELD, NC 27577 USA

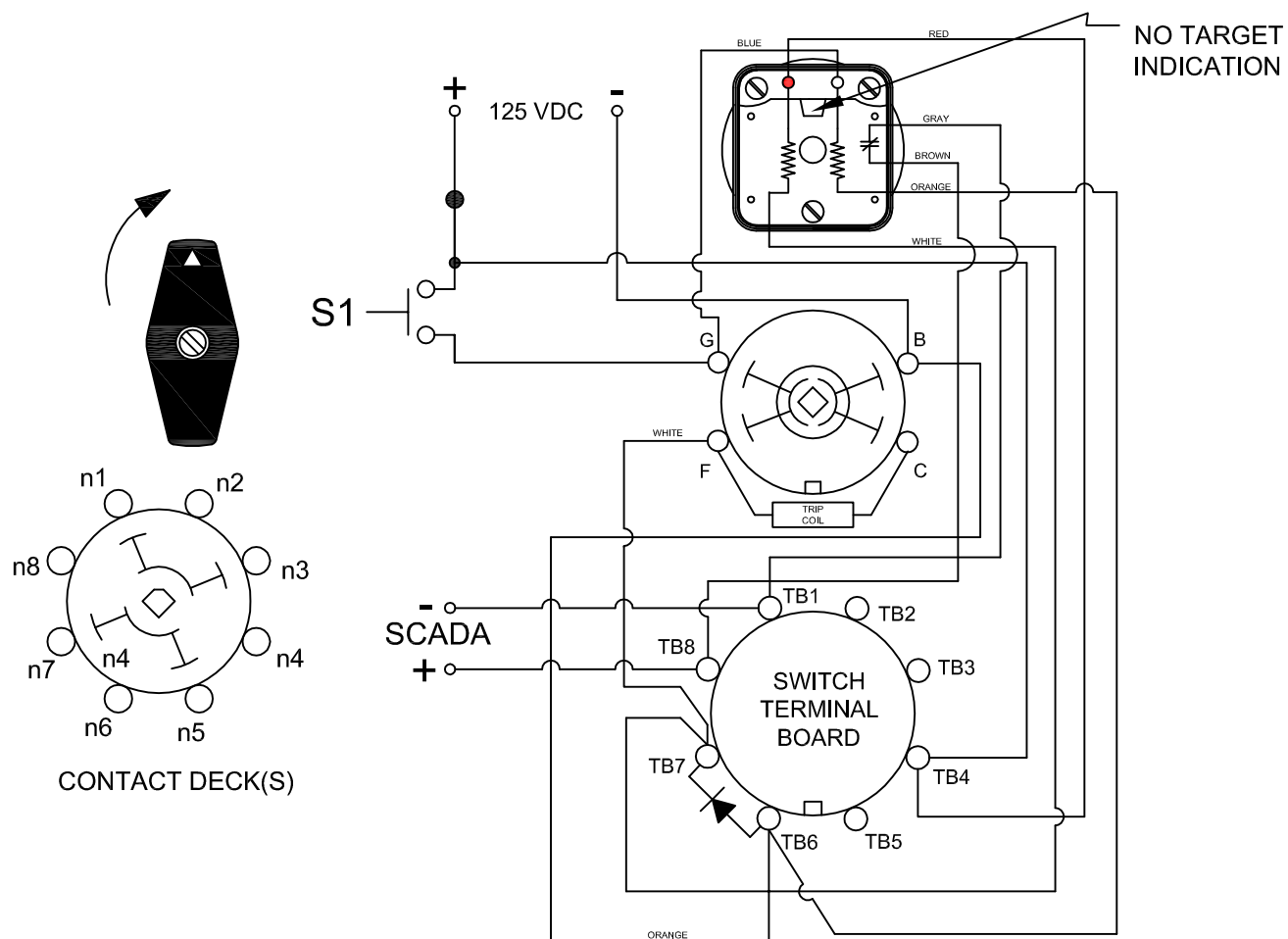
CUSTOMER REFERENCE:: TERMINAL SCREW TIGHTENING TORQUE: : 8 IN-LBS.

## 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)

FIGURE A - RESET POSITION



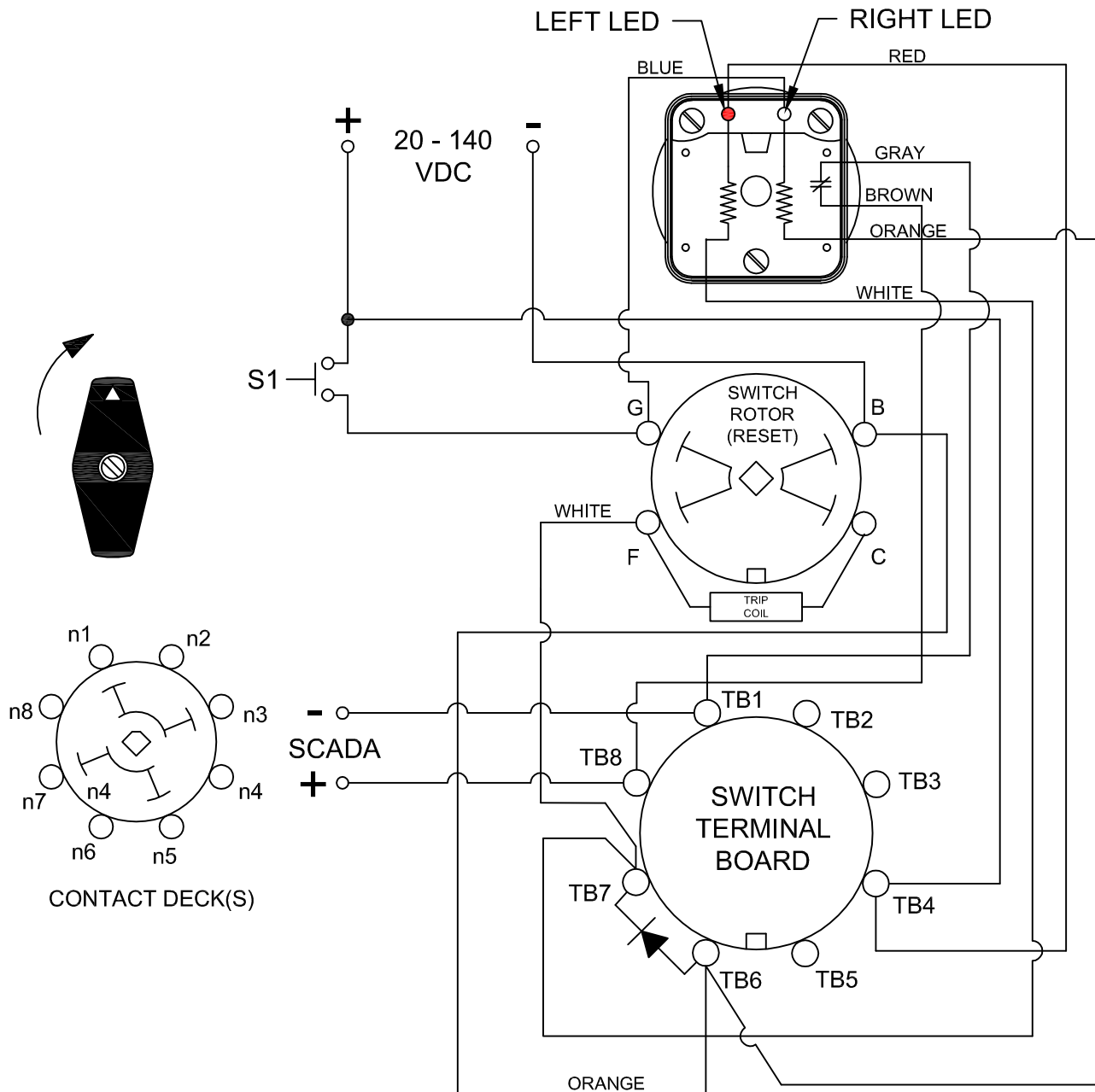
## DESCRIPTION

7604D 125VDCAXC

REV. A

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

RESULT	
LEFT LED	ON
RIGHT LED	OFF
SCADA CIRCUIT TRIP COIL MONITOR)	OPEN



# 7604D 125VDCAXC

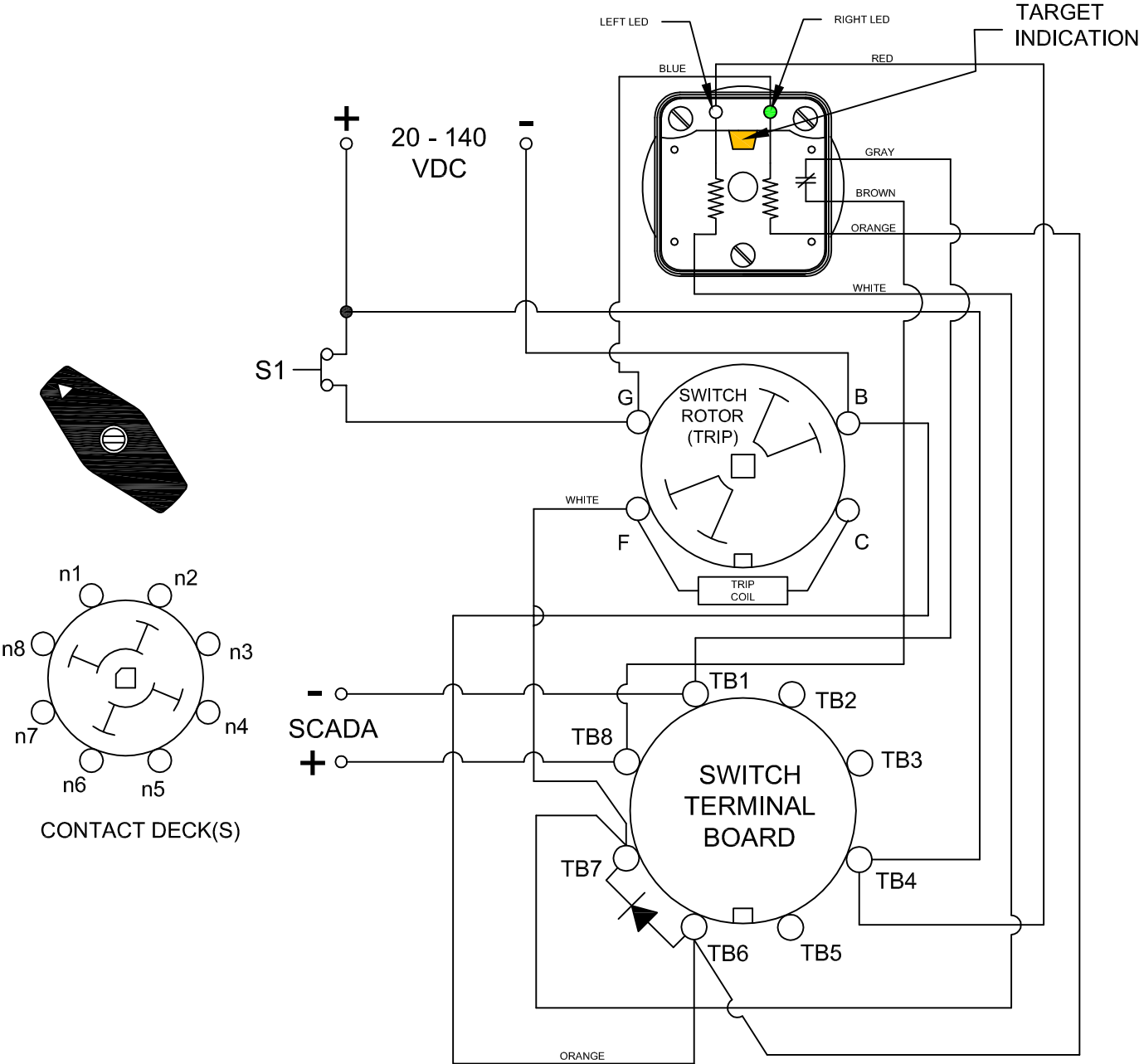


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LED INDICATION

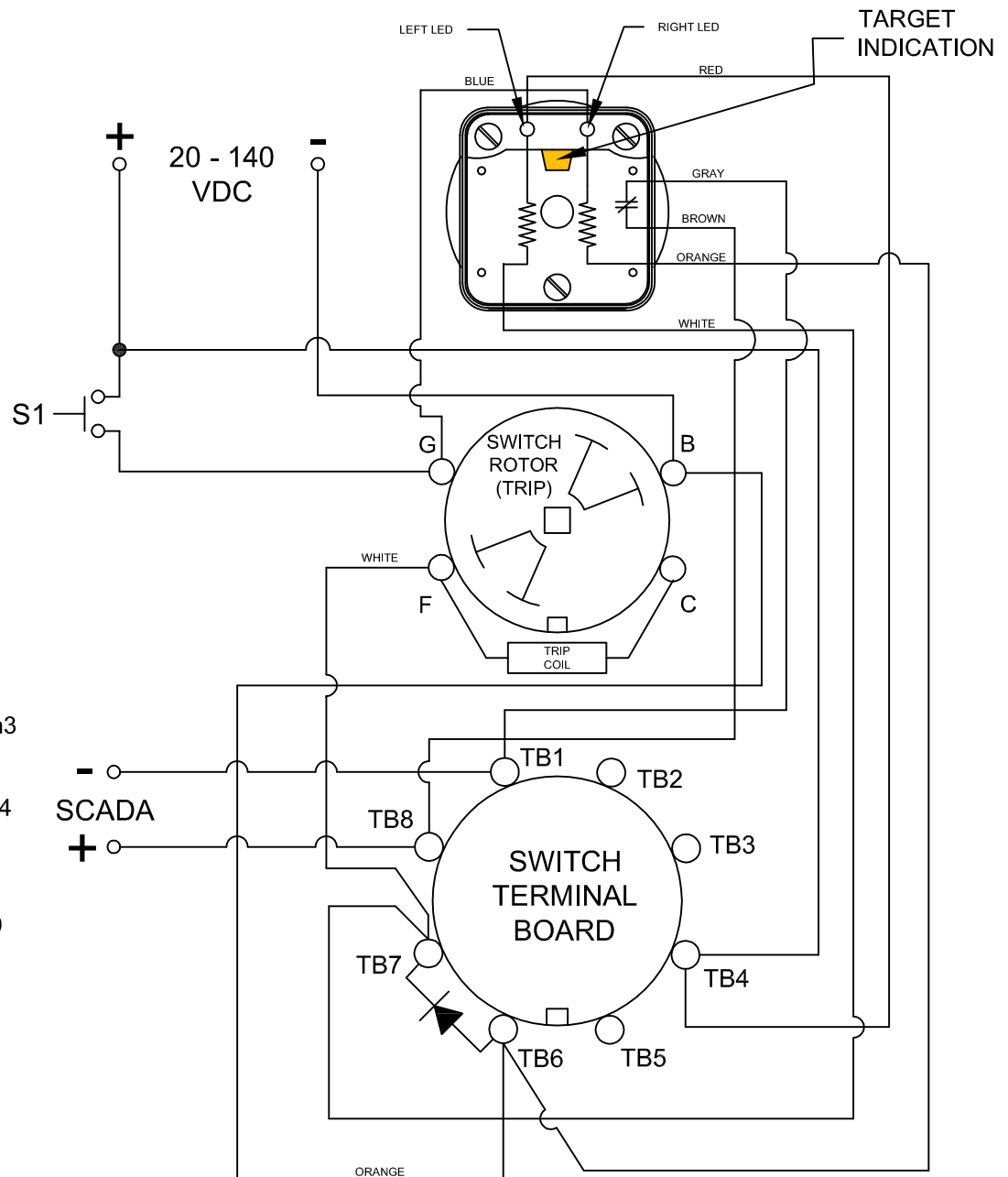
CONDITION #2		RESULT	
ROTOR	RESET (AS SHOWN)	LEFT LED	OFF
SWITCH 1 (S1)	CLOSED	RIGHT LED	ON
		SCADA SWITCH	CLOSED

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



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

RESULT	
LEFT LED	OFF
RIGHT LED	OFF
SCADA SWITCH	CLOSED



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