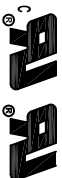


SPECIFICATIONS:
 NO. OF POSITIONS: 2. TRIP AND RESET
 NO. OF SECTIONS: 4
 CONTACTS: 2 NORMALLY OPEN
 2 NORMALLY CLOSED
 PER DECK

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



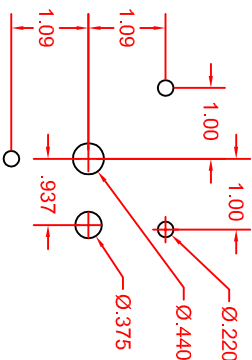
ELECTRICAL RATINGS:
 25 A/120 VAC 3 A/ 125 VDC
 15 A/600 VAC 1 A/250 VDC
 20 A/600 VAC (RESISTIVE)

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



PANEL DRILLING DIMENSIONS

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
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
8	81 - 83	X	X
	82 - 88	X	X
	85 - 87	X	X
	86 - 84	X	X

DECK	CONTACTS	POSITION	
		TRIP	RESET
9	91 - 93	X	X
	92 - 98	X	X
	95 - 97	X	X
	96 - 94	X	X
10	101 - 103	X	X
	102 - 108	X	X
	105 - 107	X	X
	106 - 104	X	X
11	111 - 113	X	X
	112 - 118	X	X
	115 - 117	X	X
	116 - 114	X	X
12	121 - 123	X	X
	122 - 128	X	X
	125 - 127	X	X
	126 - 124	X	X
13	131 - 133	X	X
	132 - 138	X	X
	139 - 137	X	X
	136 - 134	X	X
14	141 - 143	X	X
	142 - 148	X	X
	145 - 147	X	X
	146 - 144	X	X
15	151 - 153	X	X
	152 - 158	X	X
	155 - 157	X	X
	156 - 154	X	X

DESCRIPTION

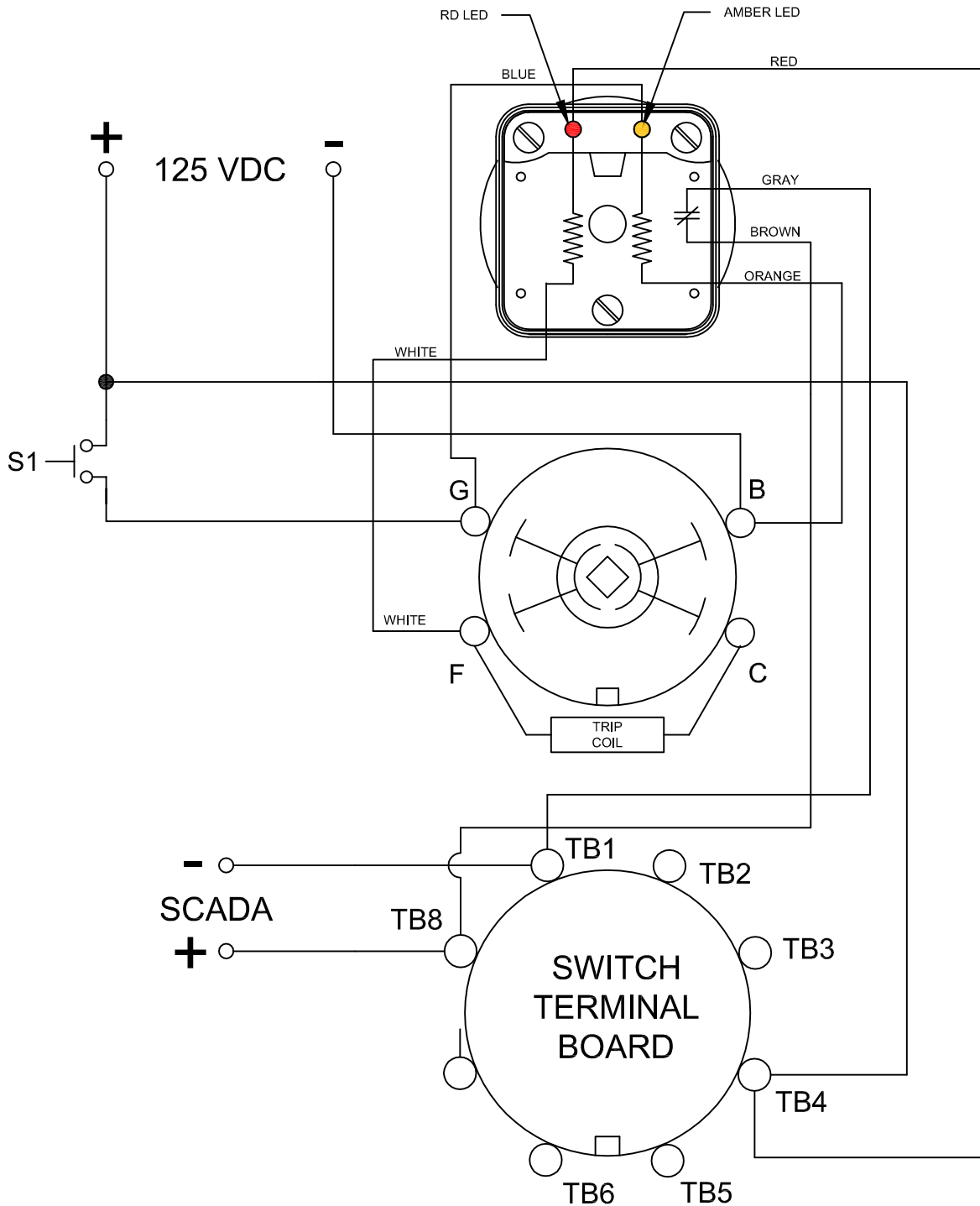
7615D 125VDCAXB

REV. B



308 COMPONENTS DRIVE
 SMITHFIELD, NC 27577 USA

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



DESCRIPTION
7615D 125VDCAXB

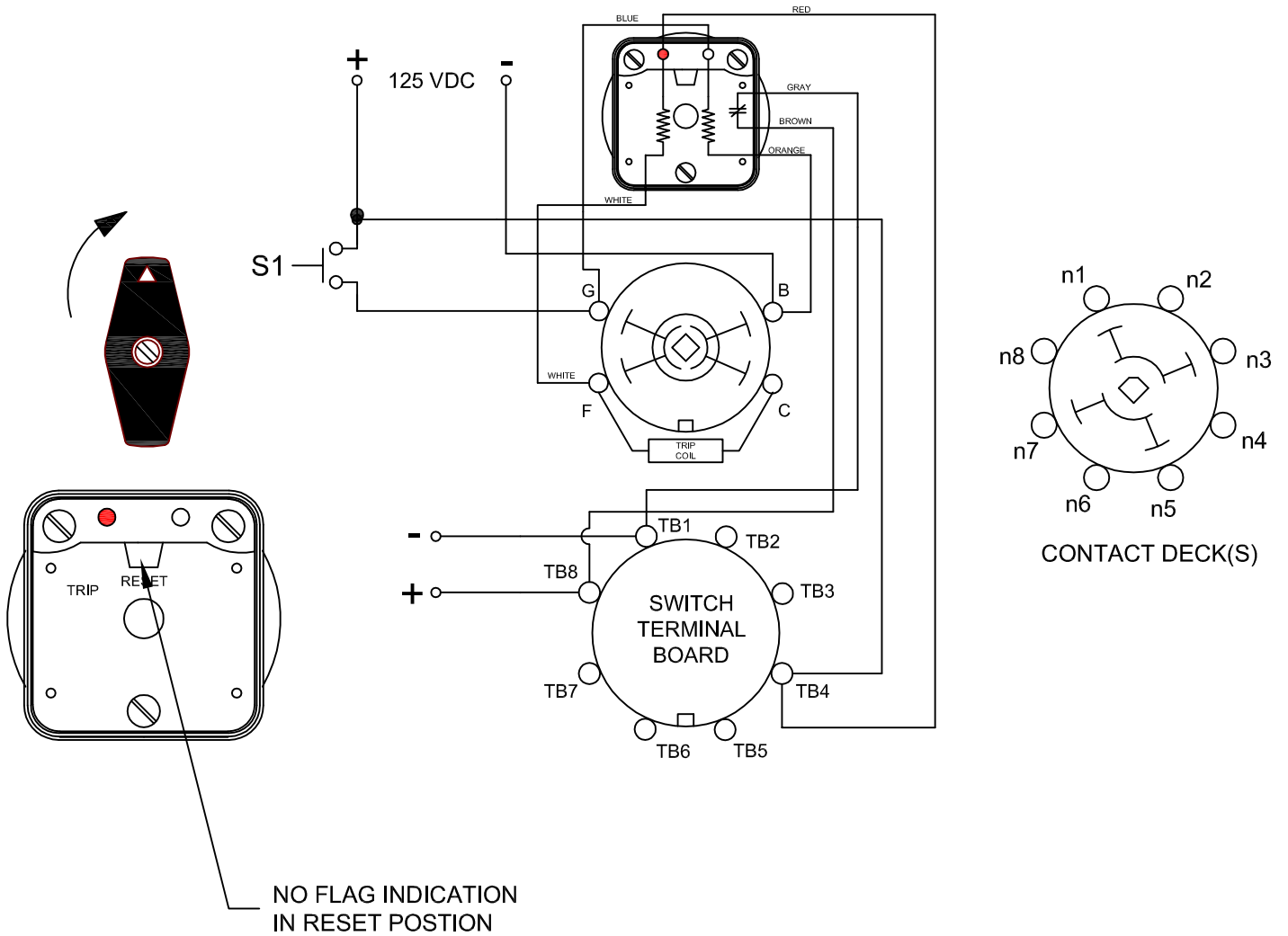
LOCK-OUT RELAYS (LOR)

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		RESULT	
ROTOR	RESET (AS SHOWN)	LEFT LED	ON
SWITCH 1 (S1)	OPEN	RIGHT LED	OFF
		SCADA CIRCUIT TRIP COIL MONITOR)	OPEN

FIGURE A - RESET POSITION



DESCRIPTION

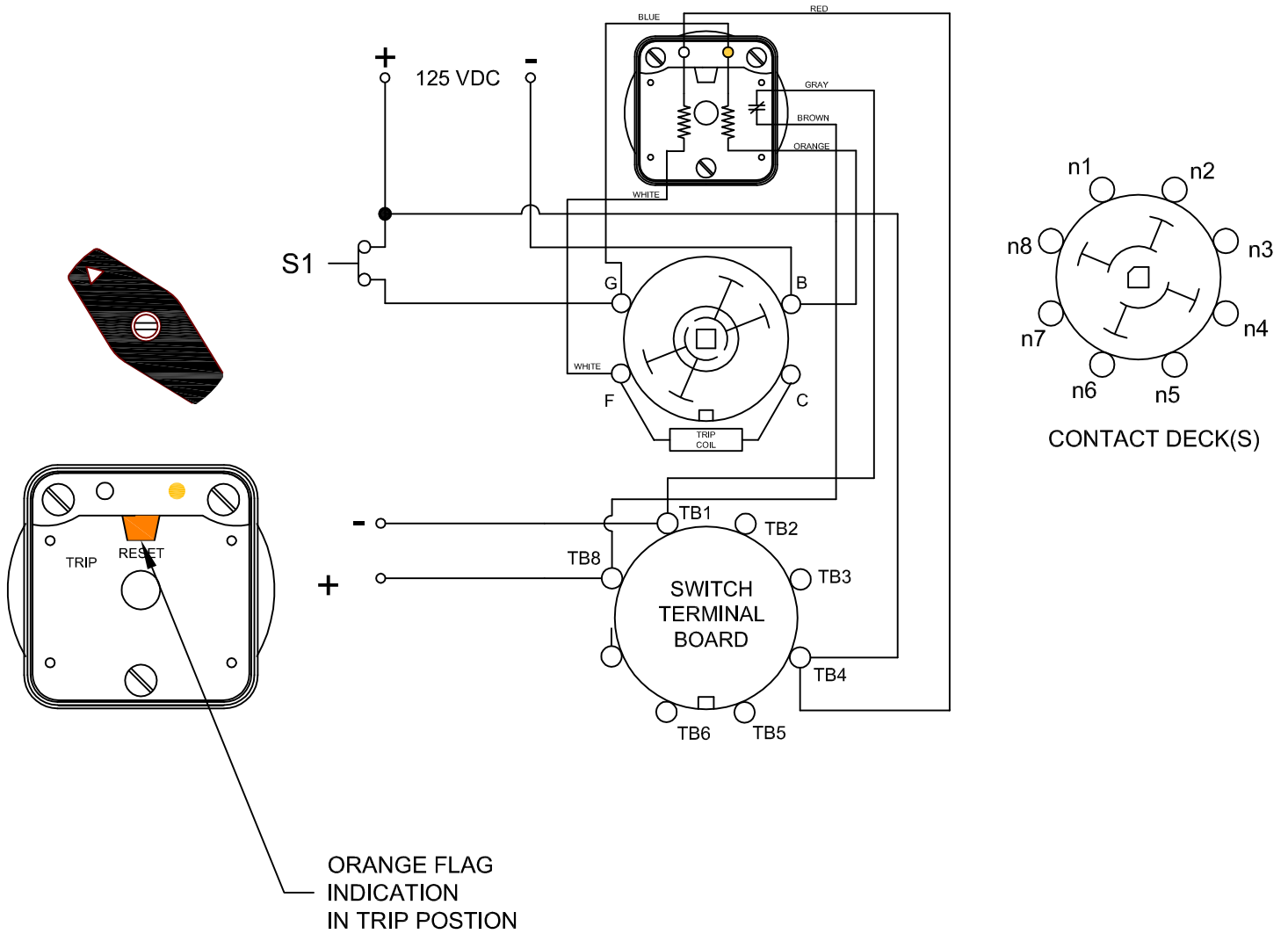
7615D 125VDCAXB

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

RESULT	
LEFT LED	OFF
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

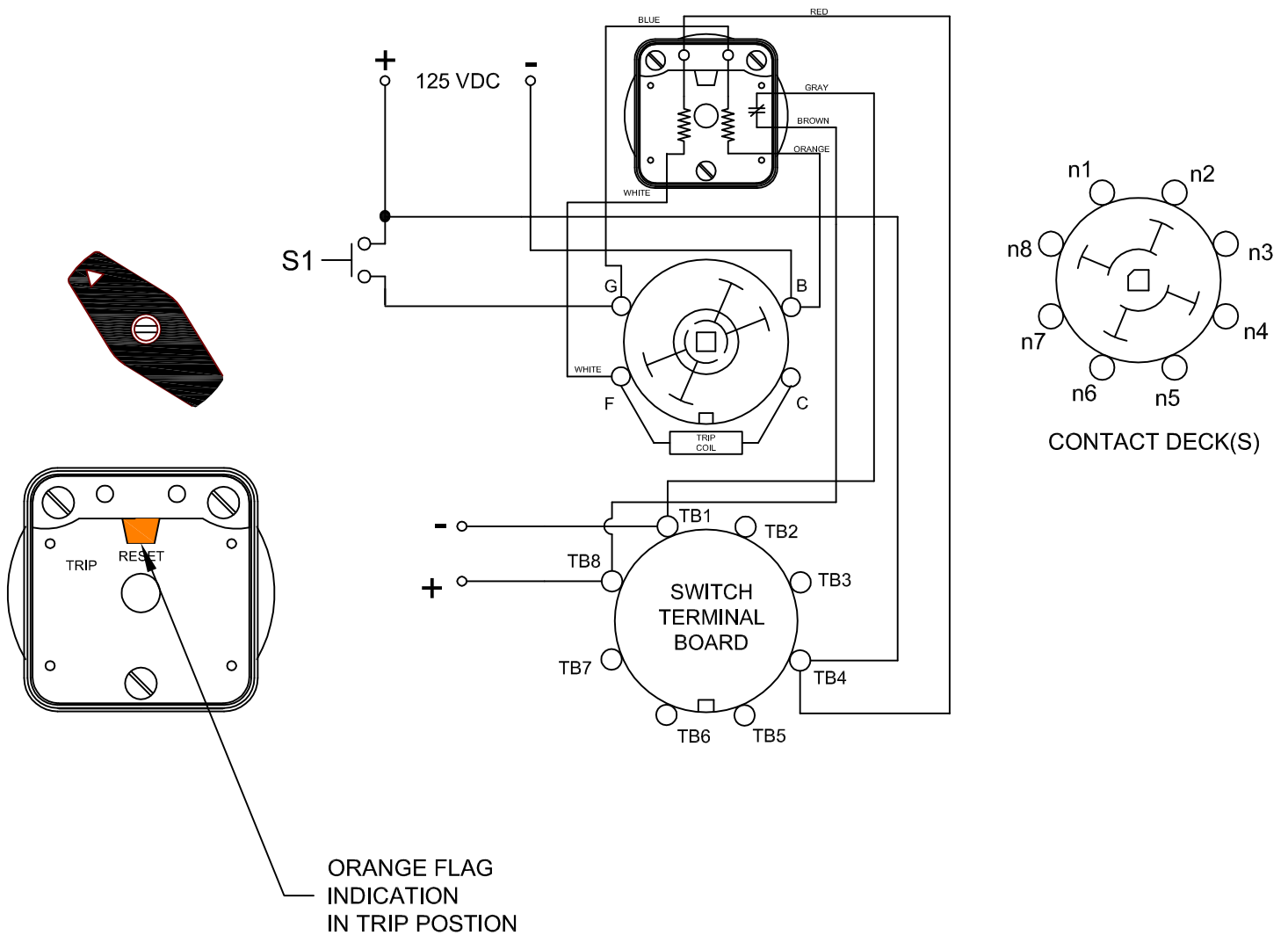


CONDITION #2	
ROTOR	RESET (AS SHOWN)
SWITCH 1 (S1)	OPEN

RESULT	
LEFT LED	OFF
RIGHT LED	OFF
SCADA SWITCH	CLOSED

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

FIGURE B - TRIP POSITION



DESCRIPTION

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