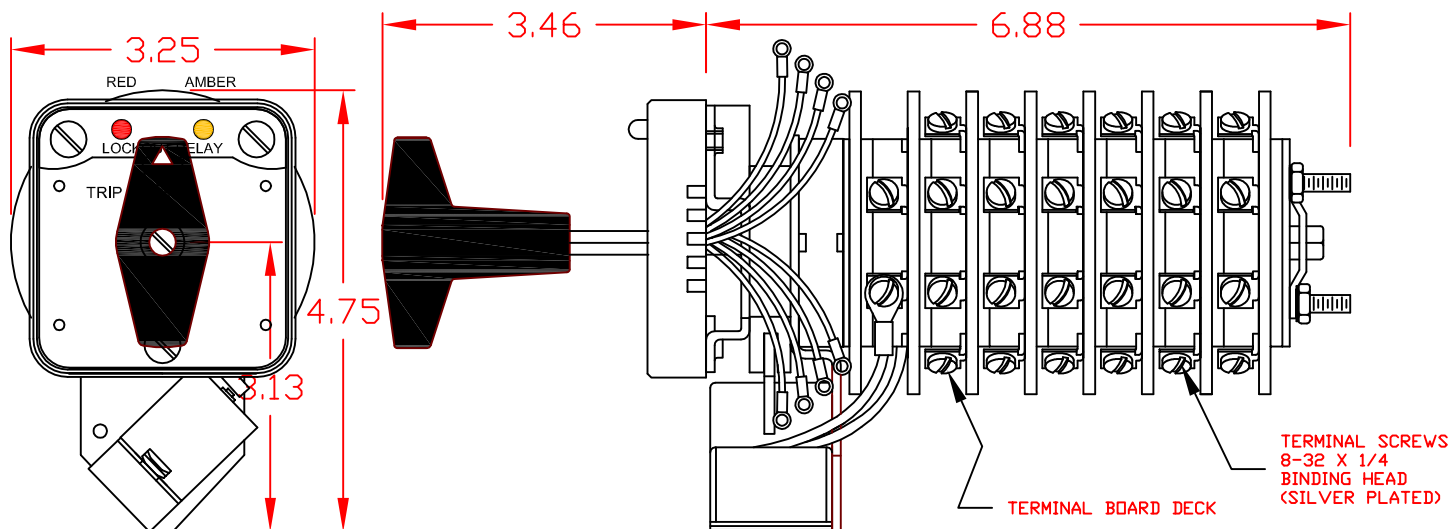


7605D 125VDCAXB



SPECIFICATIONS:

NO. OF POSITIONS: 2, TRIP AND RESET

NO. OF SECTIONS: 7

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/240 VAC 1 A/ 250 VDC

6 A/600 VAC

OVERLOAD CURRENT (50 OPERATIONS):

95 A/120 VAC

65 A/240 VAC

35 A/600 VAC

DIELECTRIC STRENGTH: 2200 VRMS

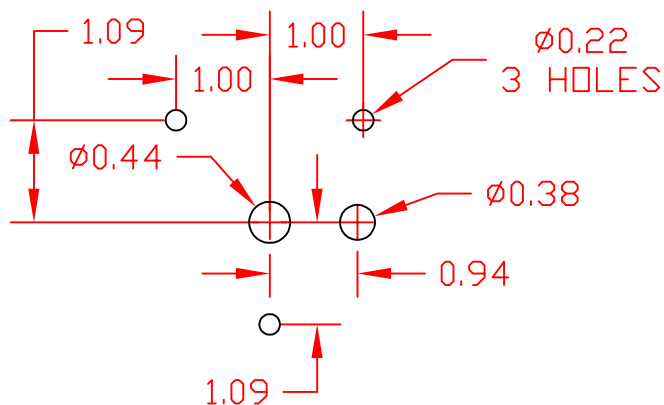
INSULATION RESISTANCE: 100 MEGOHMS INITIAL

CONTACT RESISTANCE: 10 MILLIOHMS MAX. INITIAL



DECK	CONTACTS	POSITION	
		TRIP	RESET
1	11 - 13		
	12 - 18		
	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		
5	51 - 53		
	52 - 58		
	55 - 57		
	56 - 54		

MOUNTING HOLE DETAIL



DESCRIPTION

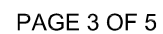
7605D 125VDCAXB

REV A



308 COMPONENTS DRIVE
SMITHFIELD, NC 27577 USA

REV A



7605D 125VDCAXB

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

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

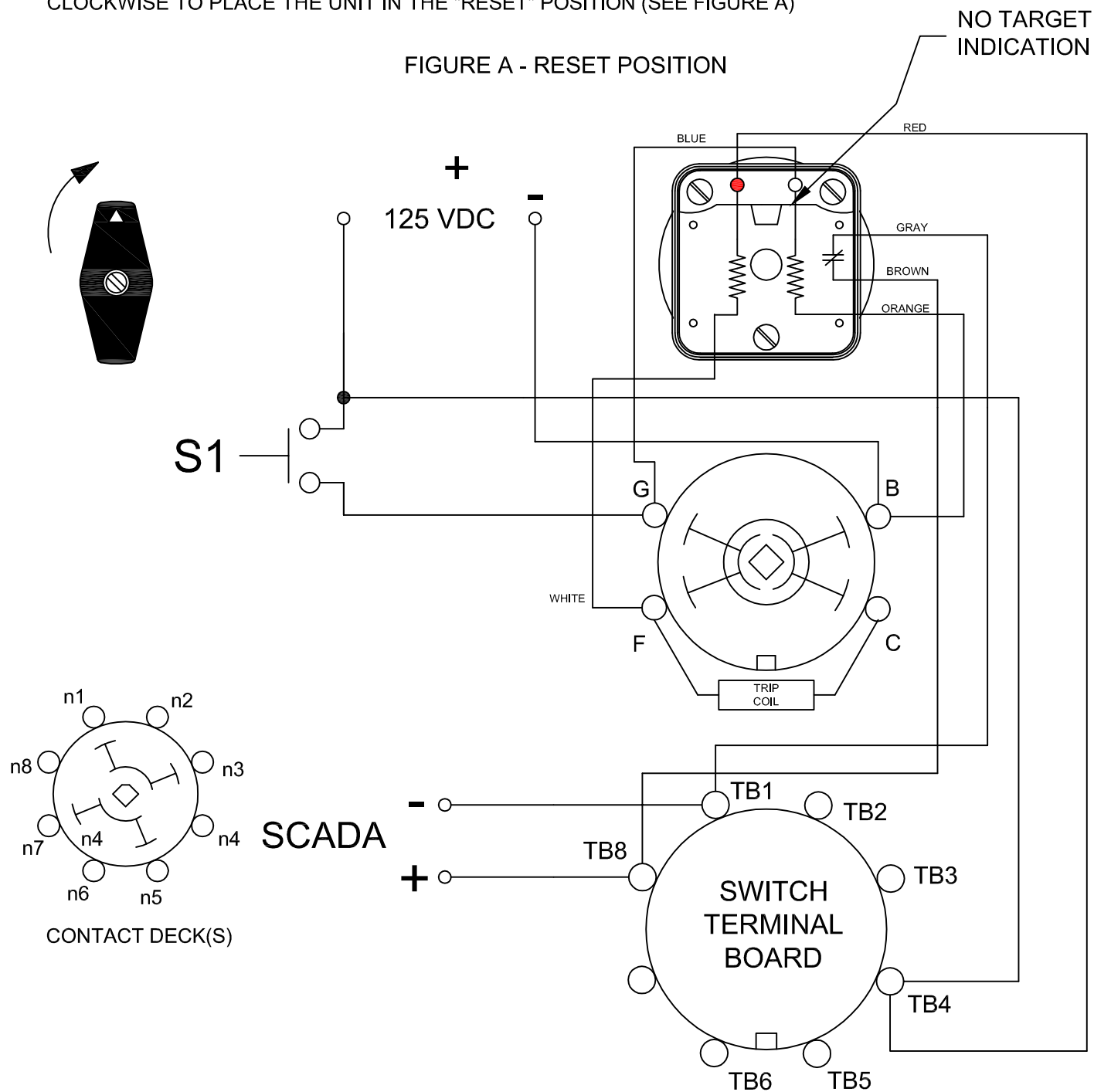
LOCK-OUT RELAYS (LOR)

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

7605D 125VDCAXB

REV -



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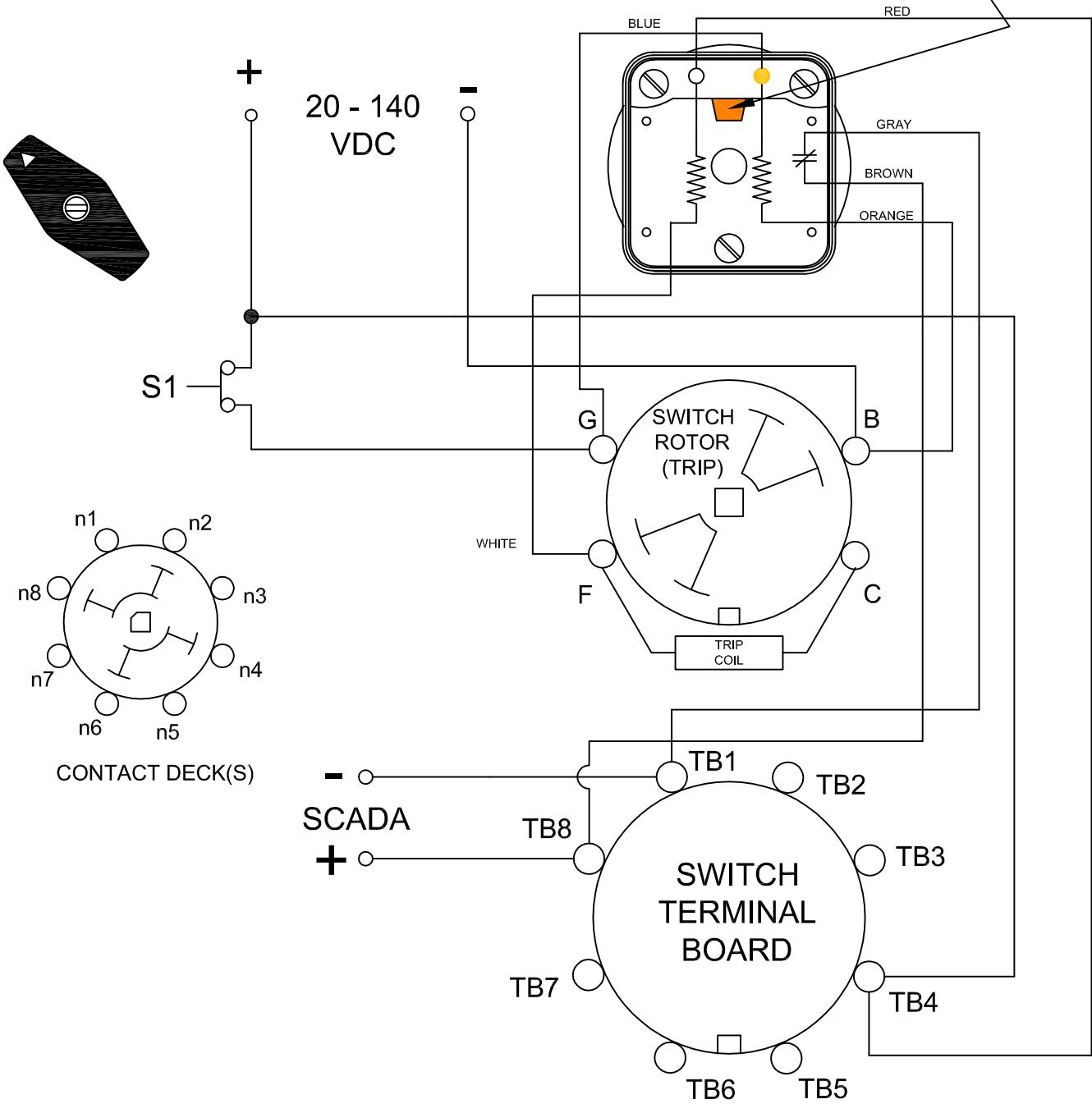
LED INDICATION

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

RESULT	
LEFT LED	OFF
RIGHT LED	ON
SCADA SWITCH	CLOSED

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

TARGET INDICATION



DESCRIPTION

7605D 125VDCAXB

REV -

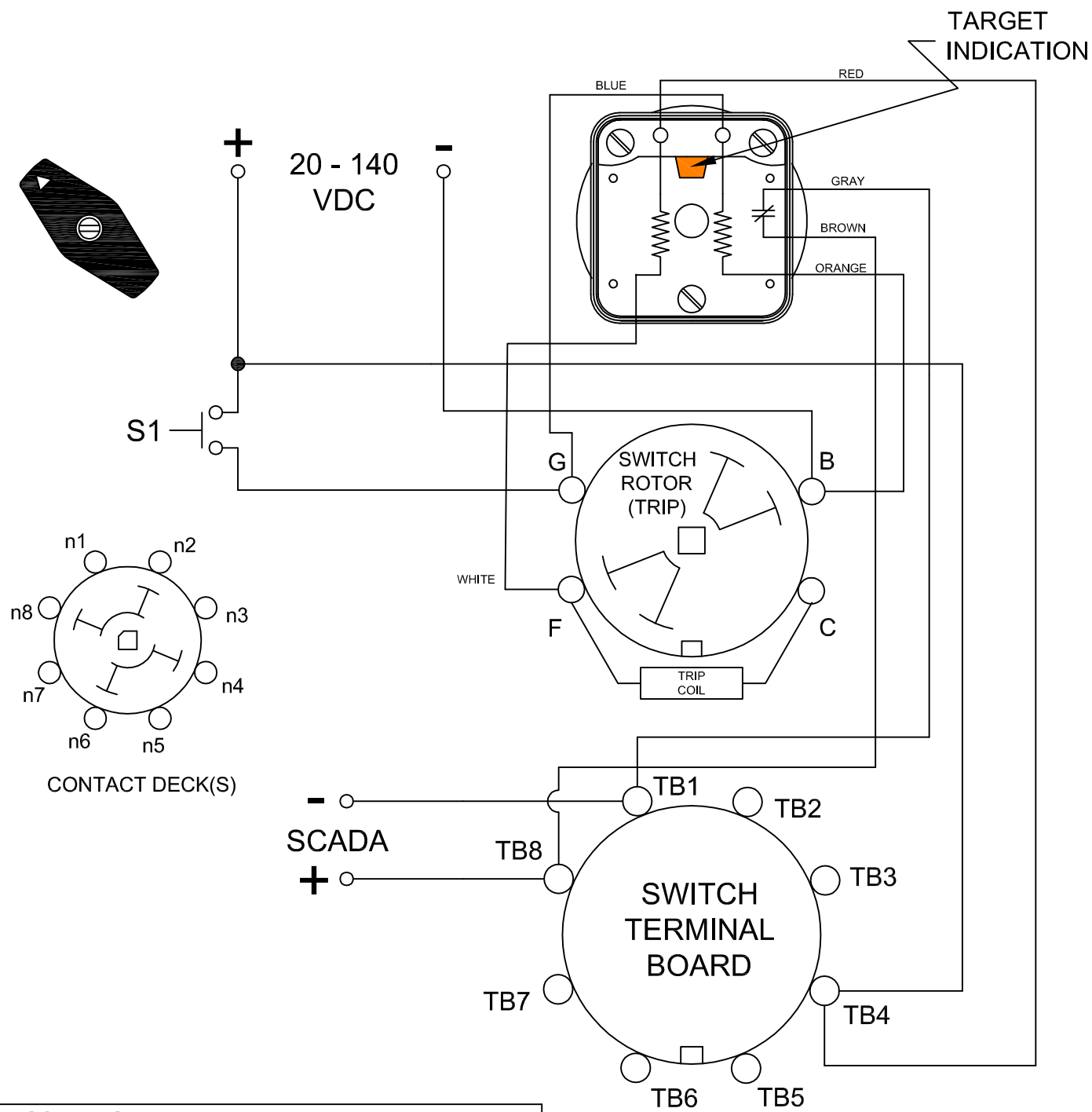
7605D 125VDCAXB

LED INDICATION

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

RESULT	
LEFT LED	OFF
RIGHT LED	OFF
SCADA SWITCH	CLOSED

WHEN S1 REOPENS, THE SCADA CIRCUIT REMAINS CLOSED AND THE RIGHT LED GOES OFF UNTIL THE LOR IS RETURNED TO THE RESET POSITION.



DESCRIPTION

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REV -



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