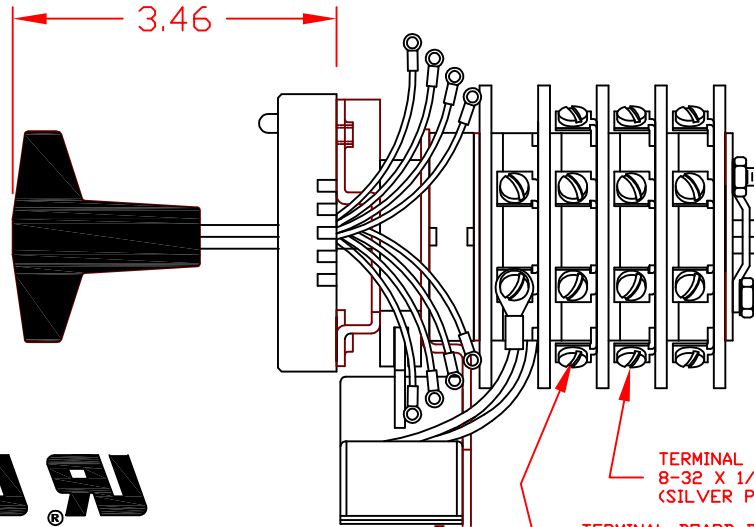
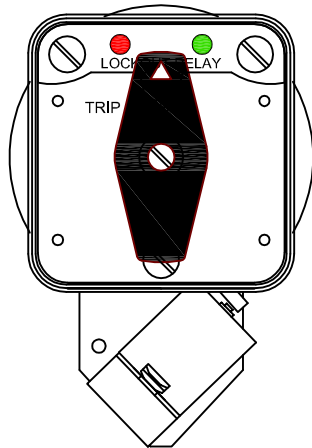


7602D125VDCAXC



TERMINAL SCREWS
8-32 X 1/4 BINDING HEAD
(SILVER PLATED)

TERMINAL BOARD DECK

SPECIFICATIONS:

NO. OF POSITIONS: 2, TRIP AND RESET

NO. OF SECTIONS: 2

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 | 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 |

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

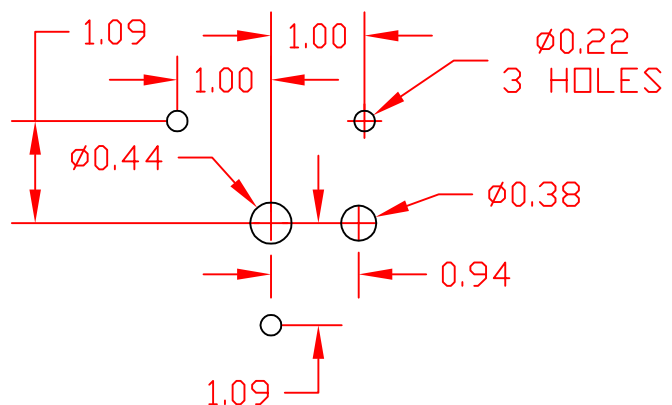
INSULATION RESISTANCE:

100 MEGOHMS INITIAL

CONTACT RESISTANCE:

10 MILLIOHMS MAX. INITIAL

MOUNTING HOLE DETAIL



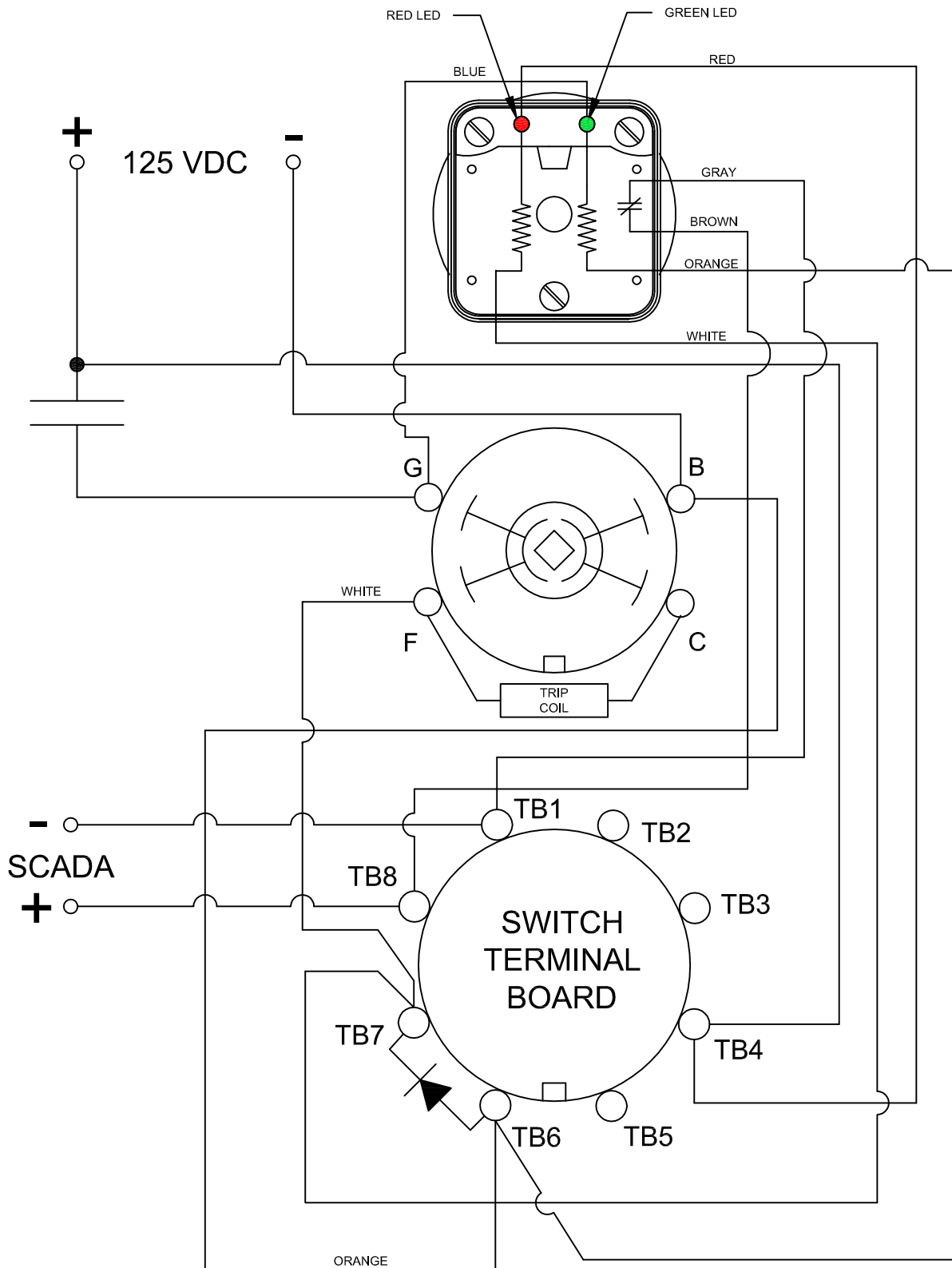
DESCRIPTION

7602D 125VDCAXC

REV A



308 COMPONENTS DRIVE
SMITHFIELD, NC 27577 USA



DESCRIPTION

7602D 125VDCAXC

REV A

LOCK-OUT RELAYS (LOR)

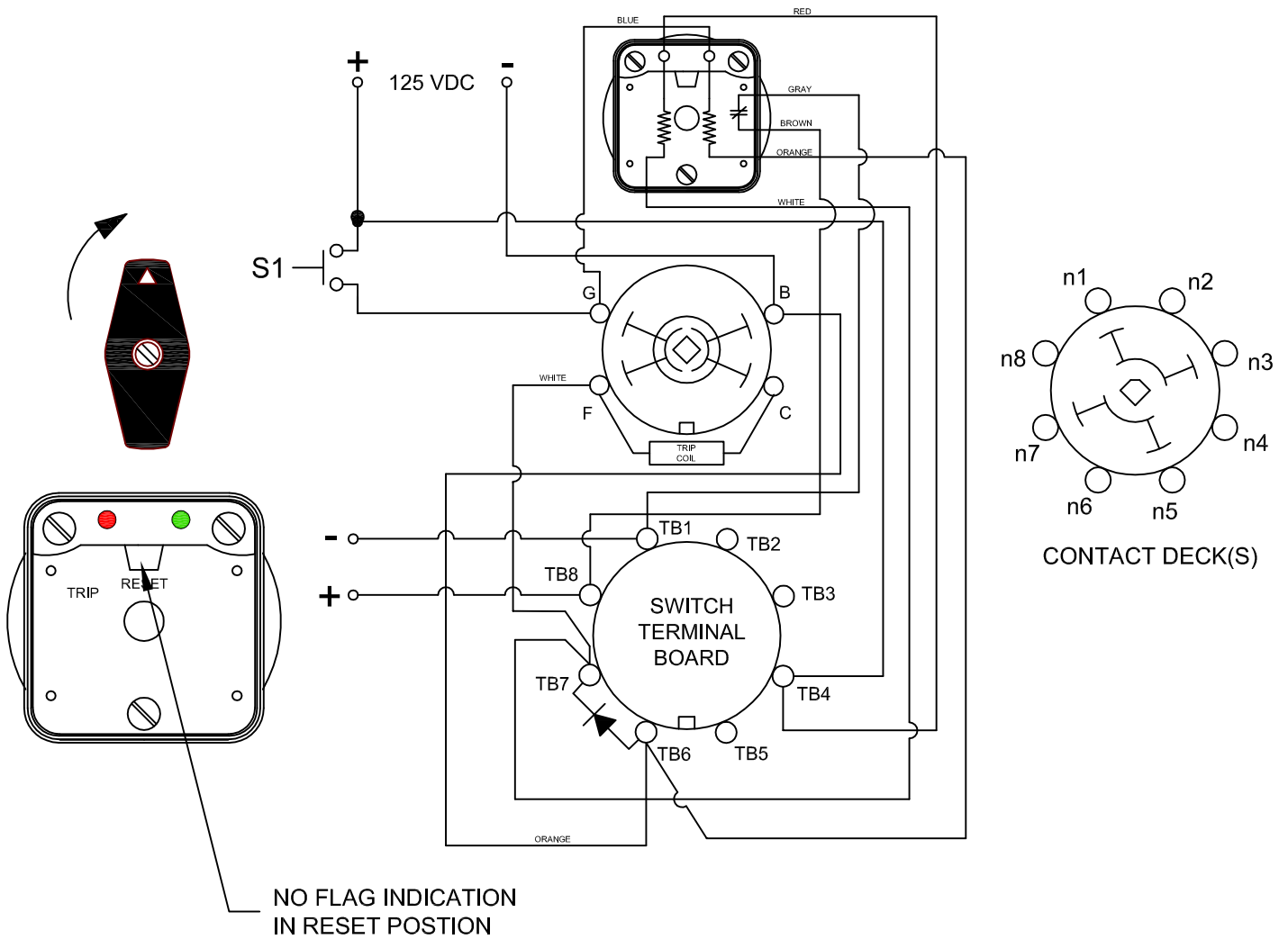
GENERAL OPERATION:

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 |
| RIGHT LED | OFF |
| SCADA CIRCUIT (TRIP COIL MONITOR) | OPEN |

FIGURE A - RESET POSITION



DESCRIPTION

7602D 125VDCAXC REV A

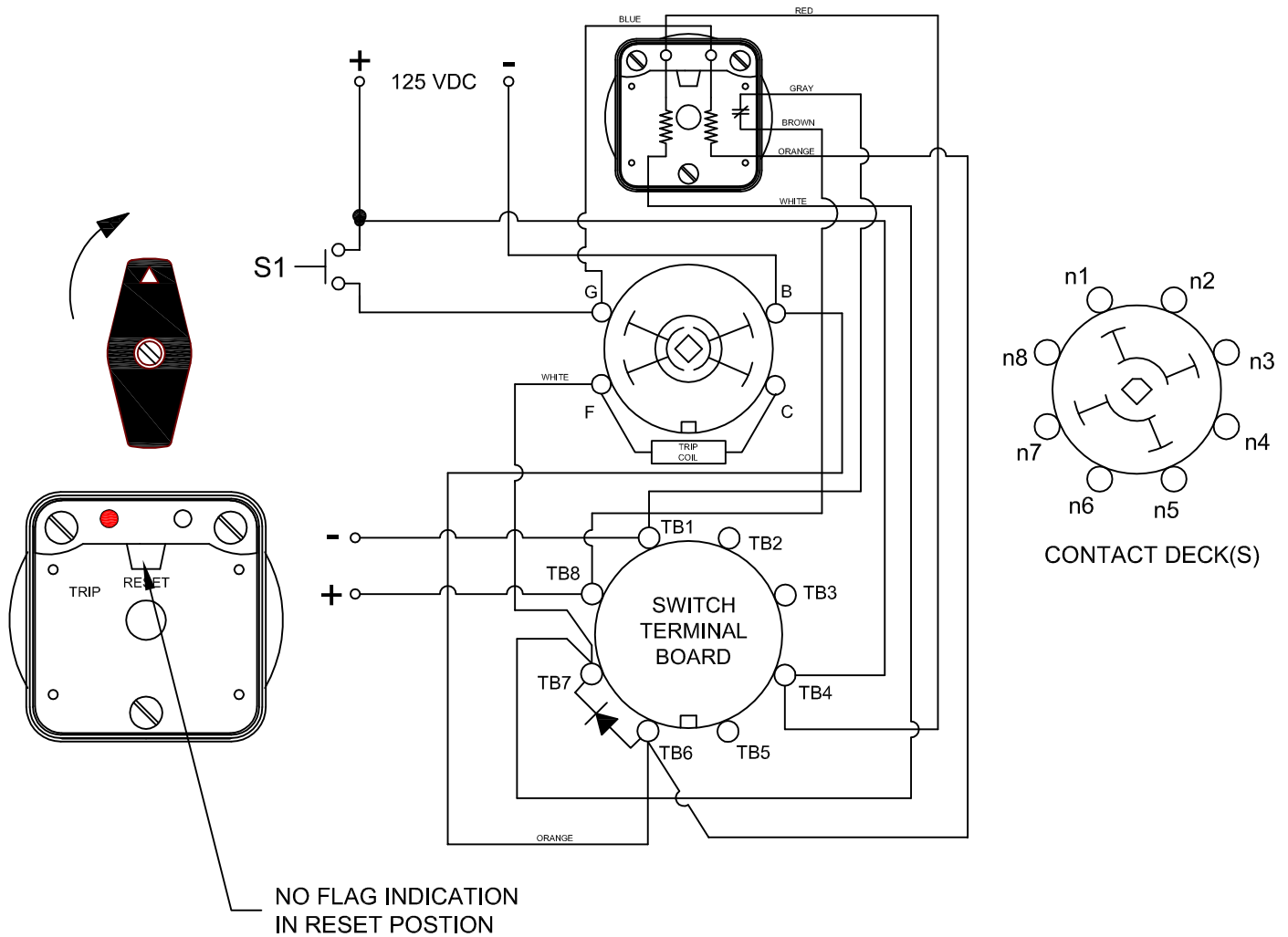
LOCK-OUT RELAYS (LOR)

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

7602D 125VDCAXC

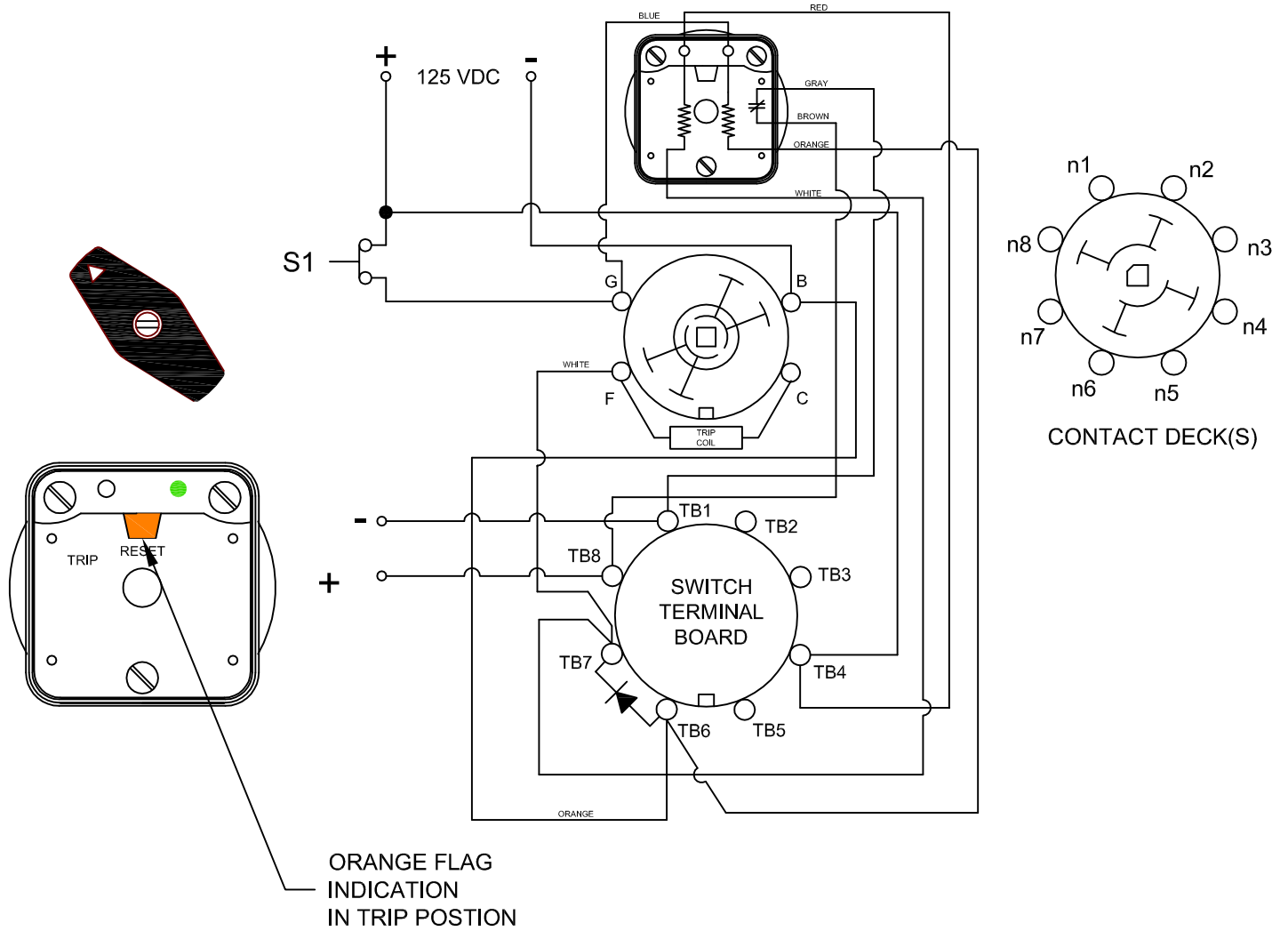
REV A

| CONDITION #2 | |
|---------------|------------------|
| ROTOR | RESET (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



DESCRIPTION

7602D 125VDCAXC

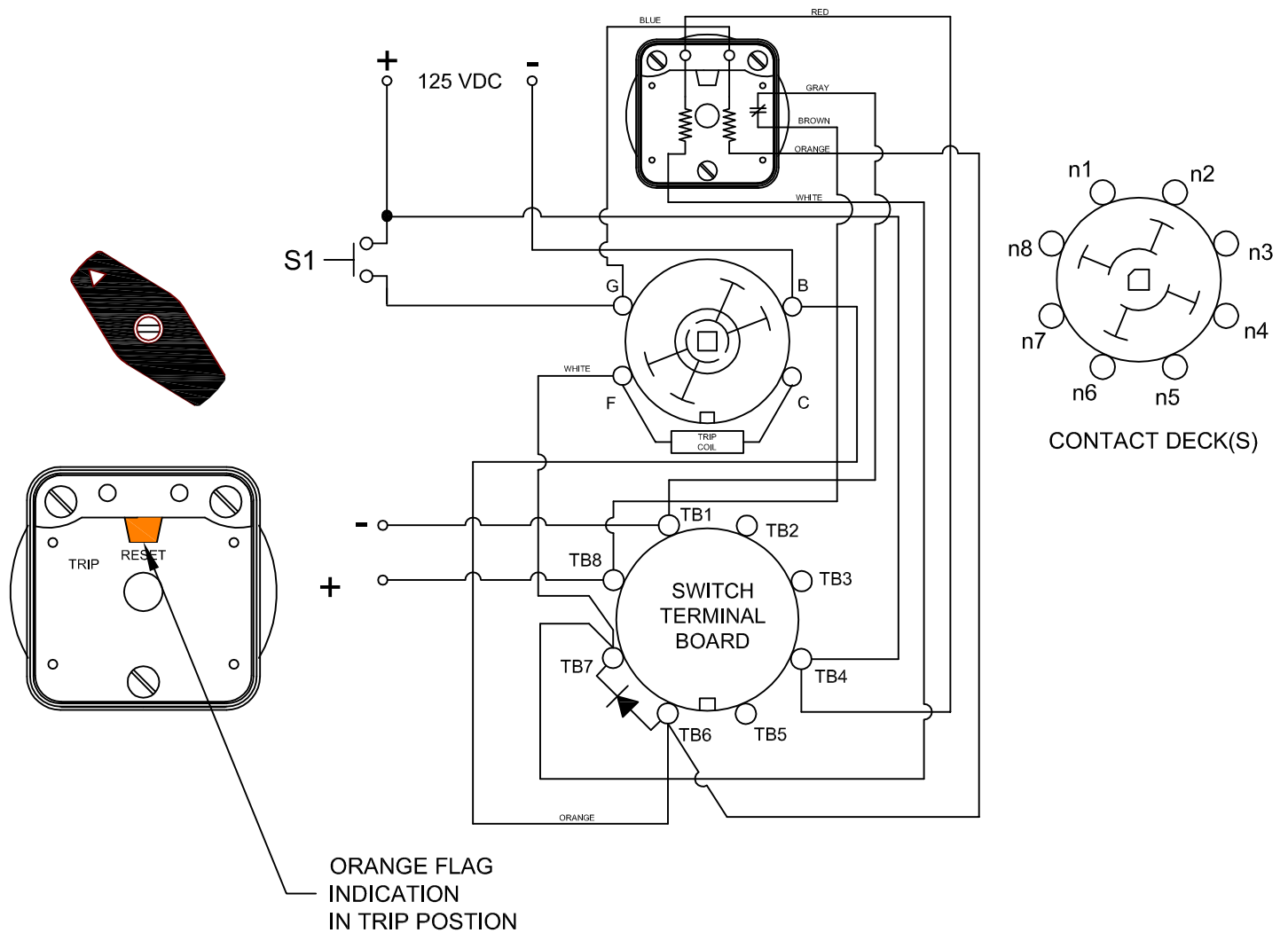
REV A

| 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 RIGHT LED WILL GO OUT. THE TRIP COIL MONITOR CIRCUIT WILL REMAIN CLOSED UNTIL THE LOR IS ROTATED BACK TO THE RESET POSITION

FIGURE B - TRIP POSITION



DESCRIPTION

7602D 125VDCAXC

REV A