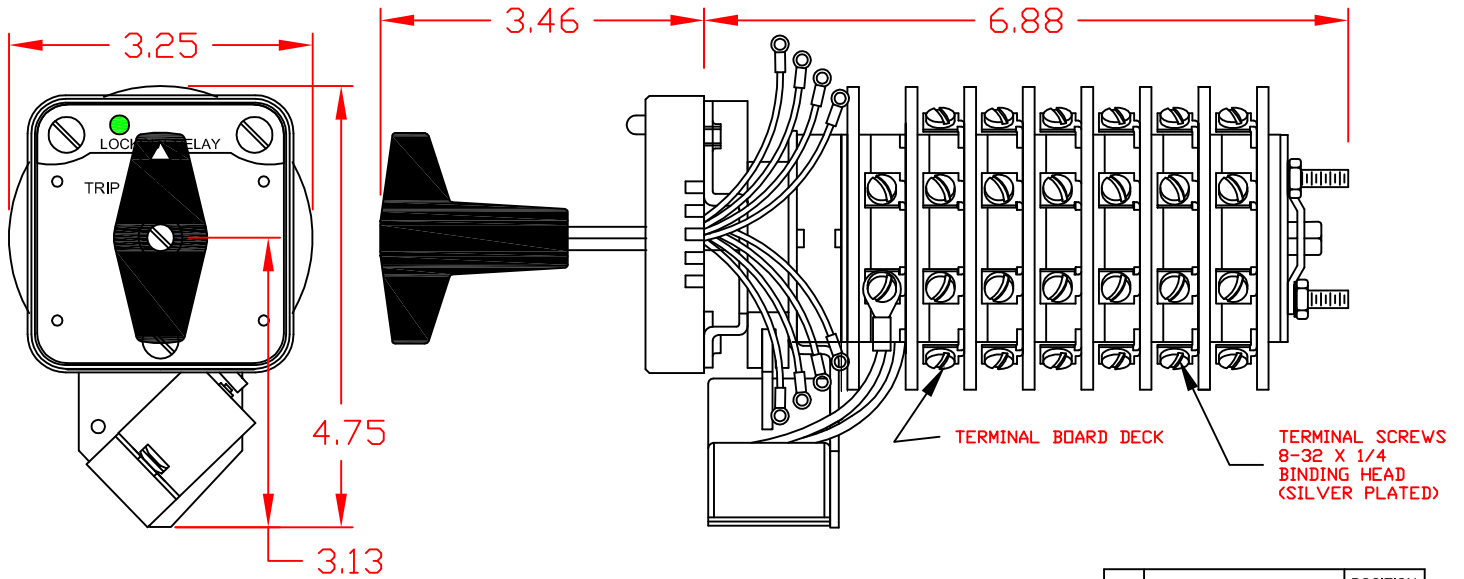


7605D 125VDCCXX



SPECIFICATIONS:

NO. OF POSITIONS: 2, TRIP AND RESET

NO. OF SECTIONS: 5

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



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

OVERLOAD CURRENT (50 OPERATIONS):

95 A/120 VAC

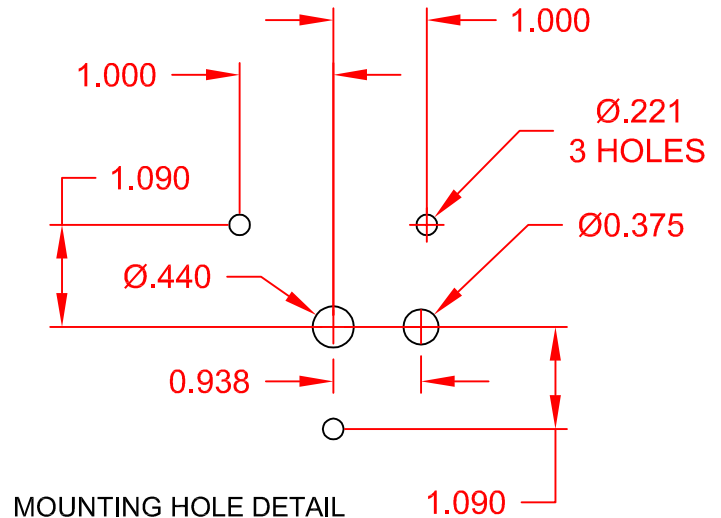
65 A/240 VAC

35 A/600 VAC

DIELECTRIC STRENGTH: 2200 VRMS

INSULATION RESISTANCE: 100 MEGOHMS INITIAL

CONTACT RESISTANCE: 10 MILLIOHMS MAX. INITIAL



DESCRIPTION

7605D 125VDCCXX

REV. -



308 COMPONENTS DRIVE
SMITHFIELD, NC 27577 USA

LOCK-OUT RELAYS (LOR)

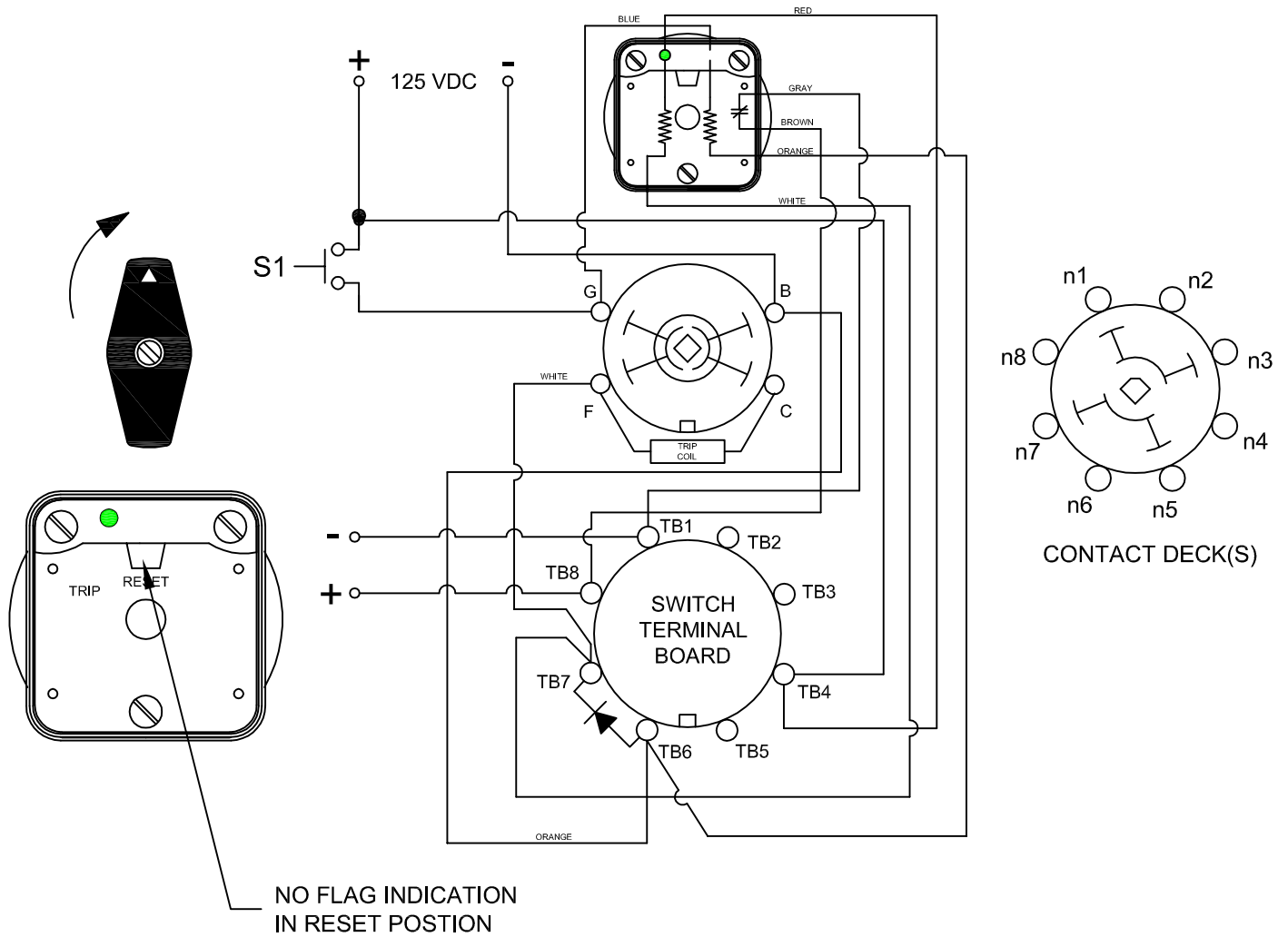
GENERAL OPERATION:

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
TCM CIRCUIT (TRIP COIL MONITOR)	OPEN

FIGURE A - RESET POSITION



DESCRIPTION

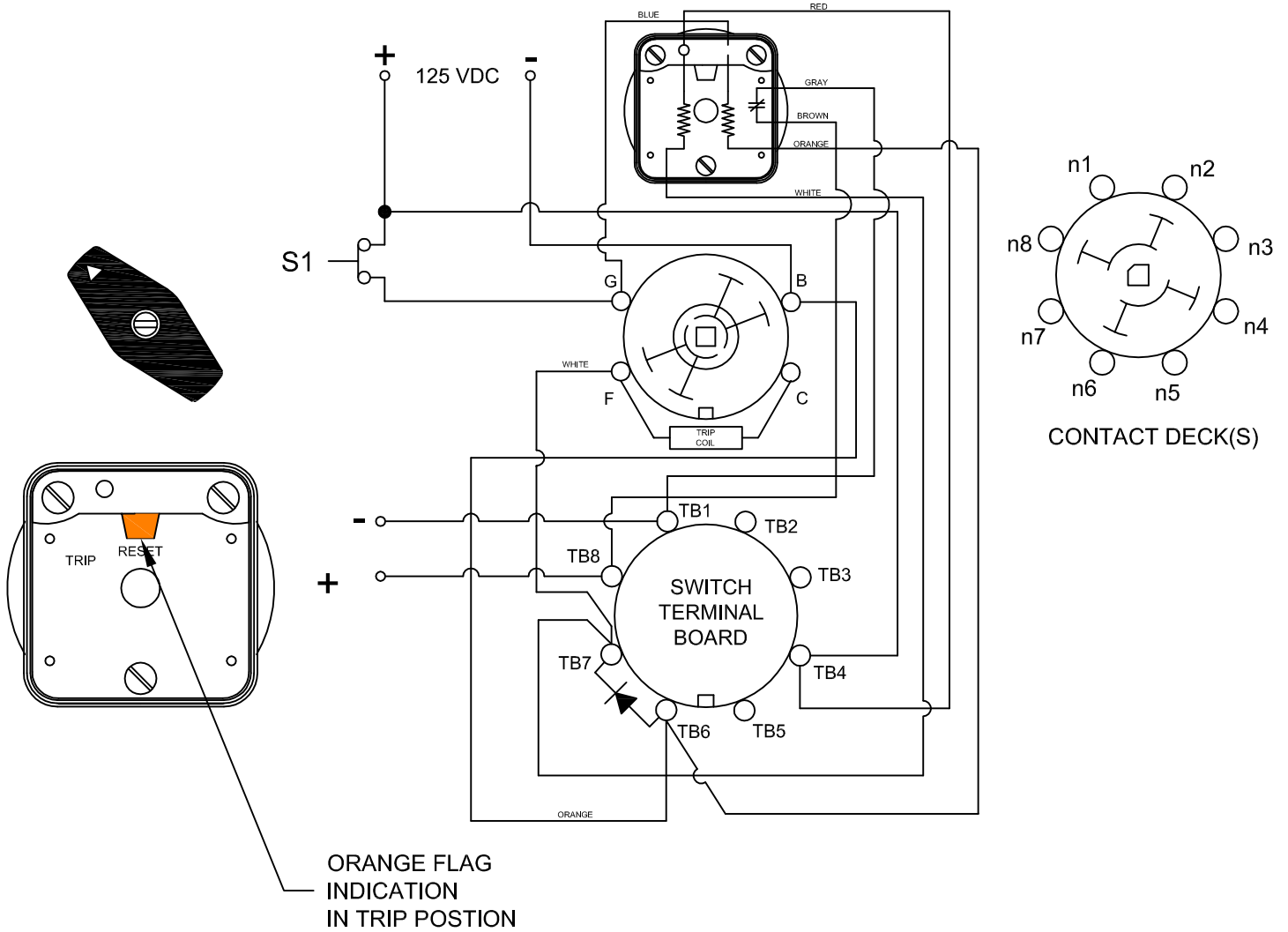
7605D 125VDCCXX

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

RESULT	
LEFT LED	OFF
TCM 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



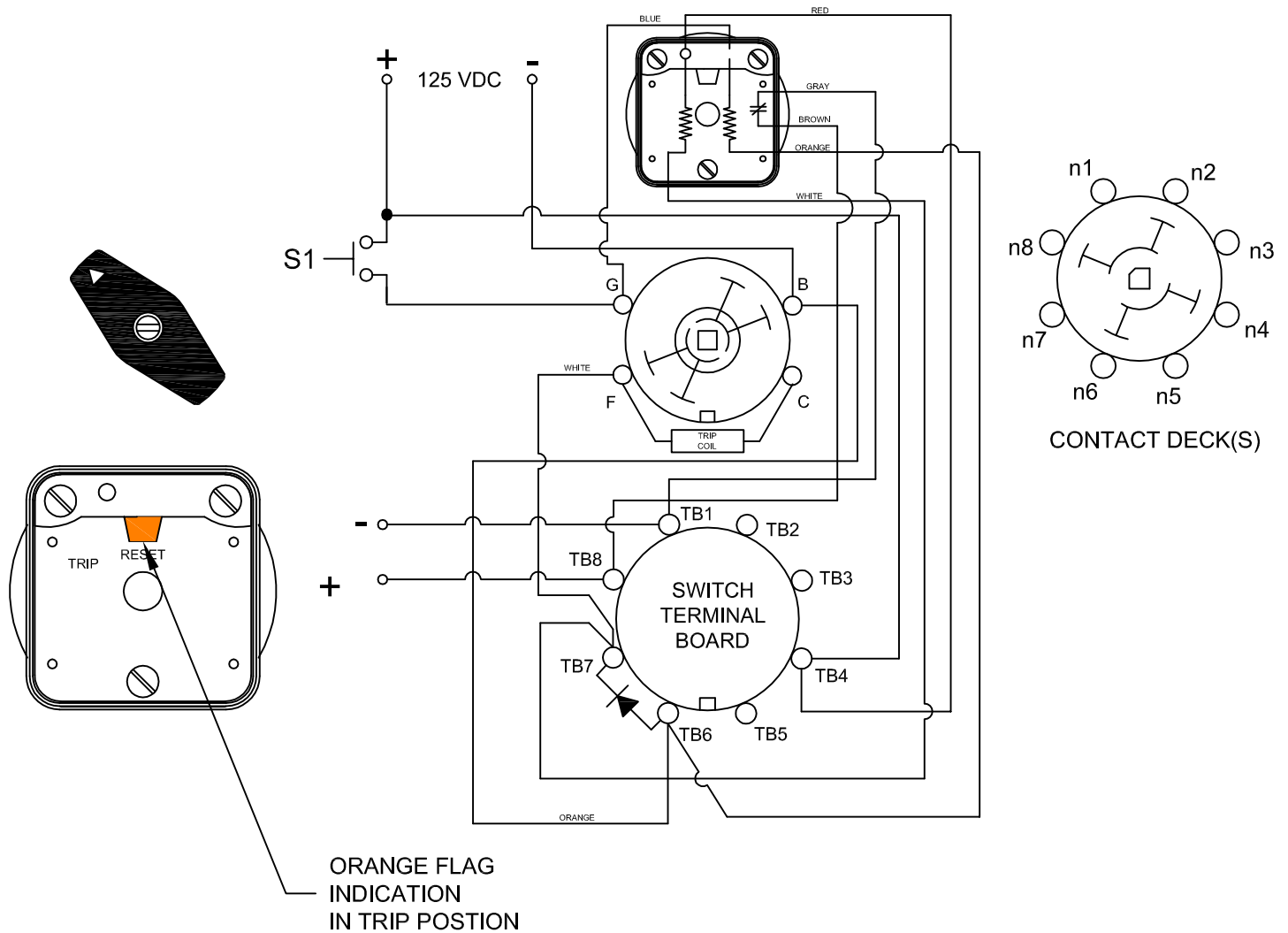
DESCRIPTION
7605D 125VDCCXX
308 COMPONENTS DRIVE SMITHFIELD, NC 27577 USA
AN ISO 9001 COMPANY

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

RESULT	
LEFT LED	OFF
TCM SWITCH	CLOSED

WHEN S1 OPENS, LOR REMAINS IN THE "TRIP" POSITION AND SCADA REMAINS CLOSED UNTIL MANUALLY ROTATED TO THE RESET POSITION

FIGURE B - TRIP POSITION



DESCRIPTION
7605D 125VDCCXX
308 COMPONENTS DRIVE SMITHFIELD, NC 27577 USA AN ISO 9001 COMPANY