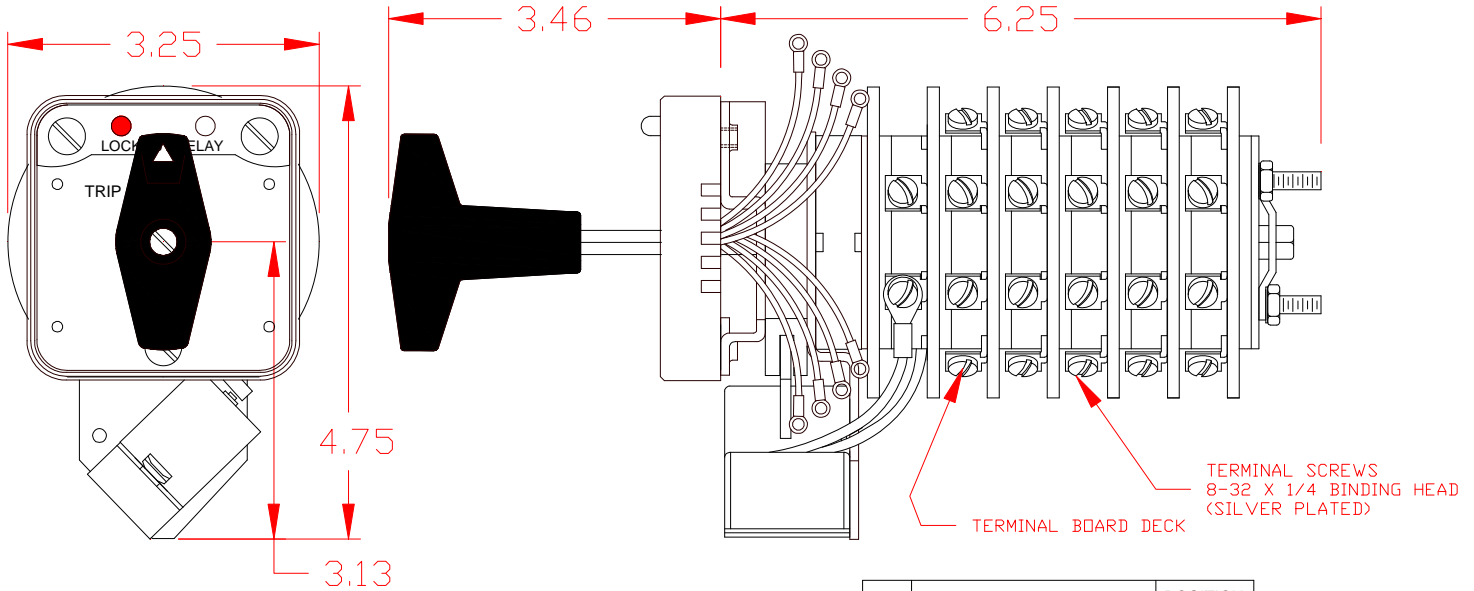


# 7604A24VDCAXD

REVISIONS			
LTR	DESCRIPTION	DATE	APP'D
A	CHANGED 125 TO 24 VDC (PG 3)	3-9-15	PDD



**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: 24 VDC

THRESHOLD VOLTAGE: 6 VDC

OPERATING RANGE: 15 - 40 VDC

CURRENT AT RATED VOLTAGE: 7.3 AMPS

**ELECTRICAL RATINGS:**

25A/120 VAC    15A/600 VAC

20A/600 VAC (RESISTIVE)

3A/125 VDC    1A/250 VDC



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

**OVERLOAD CURRENT  
(50 OPERATIONS):**

95 A/120 VAC

65 A/240 VAC

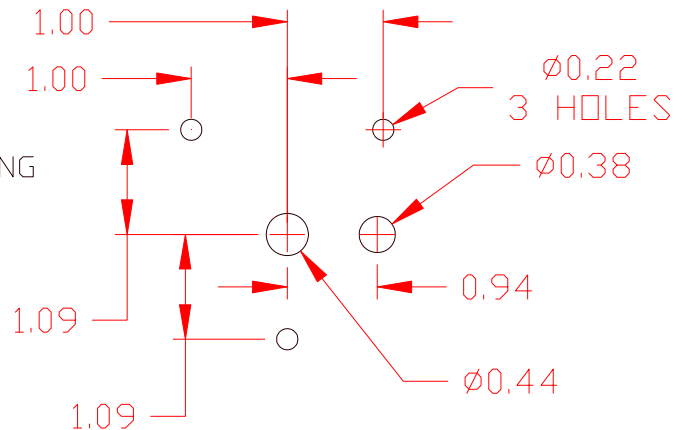
35 A/600 VAC

**DIELECTRIC STRENGTH:**  
2200 VRMS

**INSULATION RESISTANCE:**  
100 MEGOHMS INITIAL

**CONTACT RESISTANCE:**  
10 MILLIOHMS MAX. INITIAL

MOUNTING  
HOLE  
DETAIL



DESCRIPTION  
**LOCK-OUT RELAY SPECIFICATION SHEET**

DRAWN P.DORMAN 8-7-08

SCALE .5X

PART NUMBER

**7604A24VDCAXD**



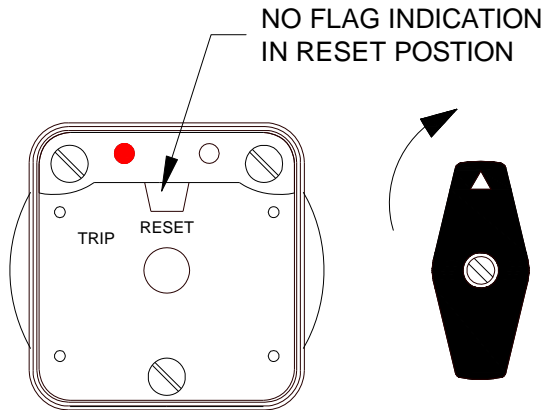
308 COMPONENTS DRIVE  
SMITHFIELD, NC 27577 USA

LOCK-OUT RELAYS (LOR)

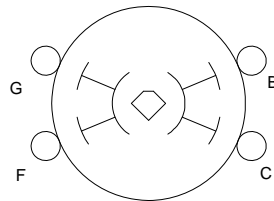
GENERAL OPERATION:

THE HANDLE OF THE LOR MUST BE MANUALLY ROTATED CLOCKWISE TO PLACE THE UNIT IN THE "RESET" POSITION (SEE FIGURE A)

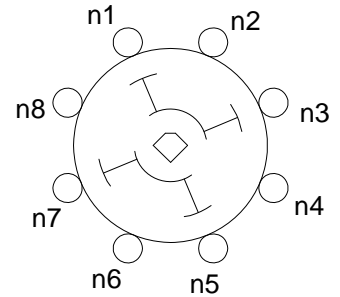
FIGURE A - RESET POSITION



SEE PAGE 3 FOR  
LIGHTED PANEL  
WIRING  
INSTRUCTIONS



CONTROL DECK

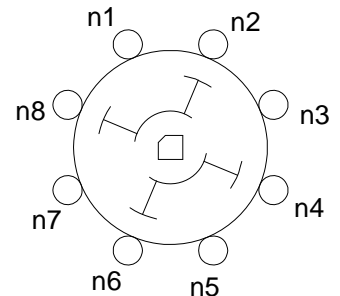
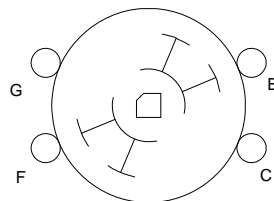
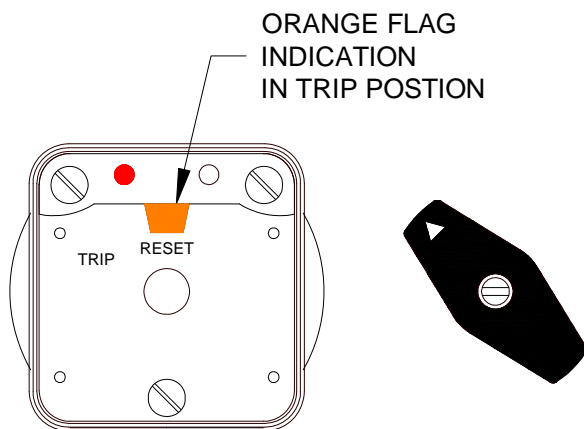


CONTACT DECK(S)

WHEN A PREDETERMINED CONDITION EXISTS, A SIGNAL WILL BE SENT TO S1 WHICH WILL ACTIVATE THE COIL AND CAUSE THE LOR TO "TRIP". THE "B" AND "G" CONTACTS ON THE CONTROL DECK PROVIDE THE CONNECTION TO THE CONTROL CIRCUIT THROUGH S1 WHICH CAN BE A CONTACT OF ANY TYPE I.E. SWITCH, RELAY.... THE LOR CONTACTS IN FIGURE "B" ARE IN THE "TRIPPED" POSITION.

THE LOR WILL REMAIN IN THE "TRIPPED" POSITION UNTIL MANUALLY RESET.

FIGURE B - TRIP POSITION



CONTACT DECK(S)

DESCRIPTION

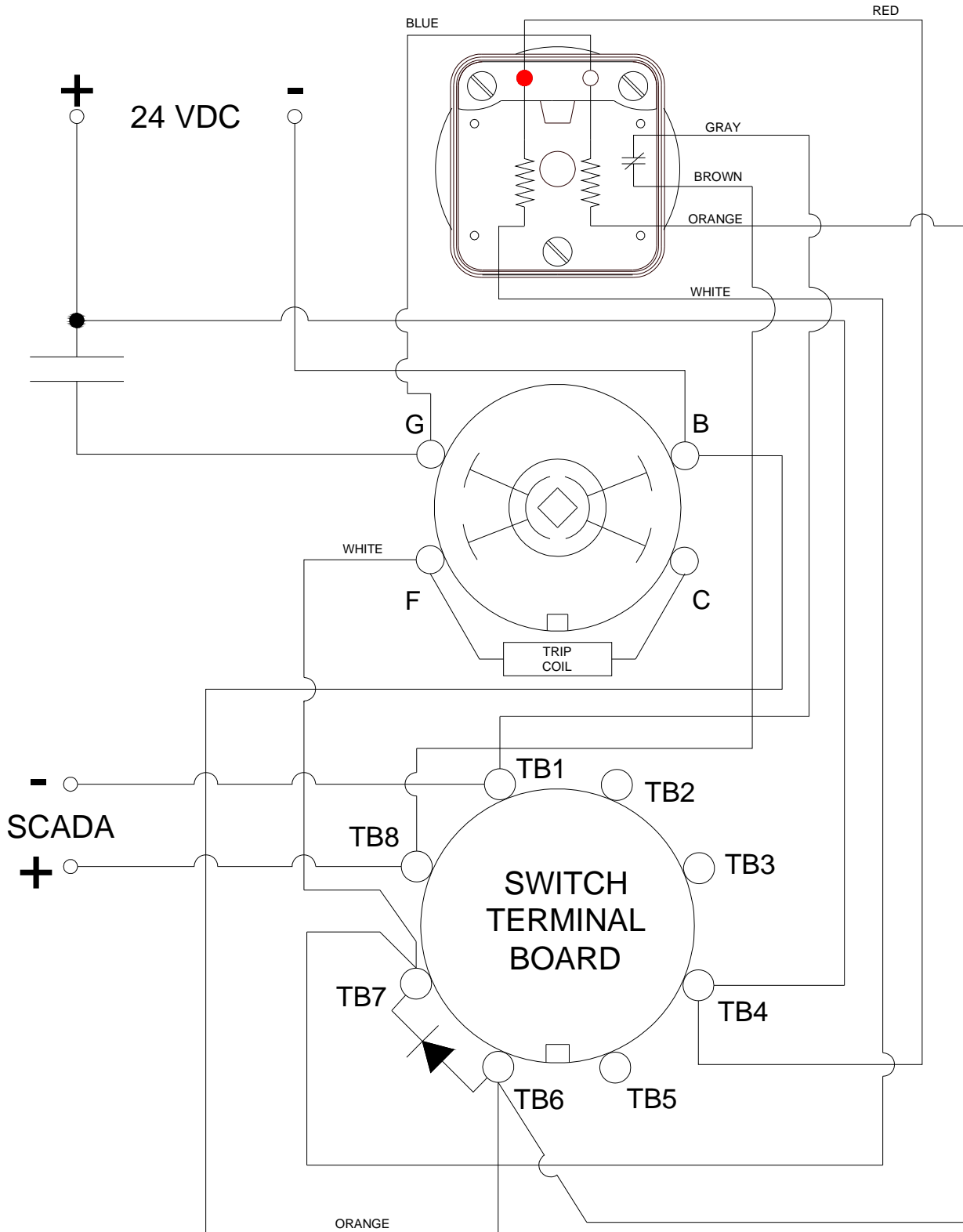
LOCK-OUT RELAY SPECIFICATION SHEET

DRAWN P.DORMAN 8-7-08

SCALE .5X

PART NUMBER

7604A24VDCAXD



DESCRIPTION LIGHTED ESCUTCHEON PANEL  
WIRING DIAGRAM

DRAWN P.DORMAN 8-7-08  
SCALE .5X

PART NUMBER  
**7604A24VDCAXD**