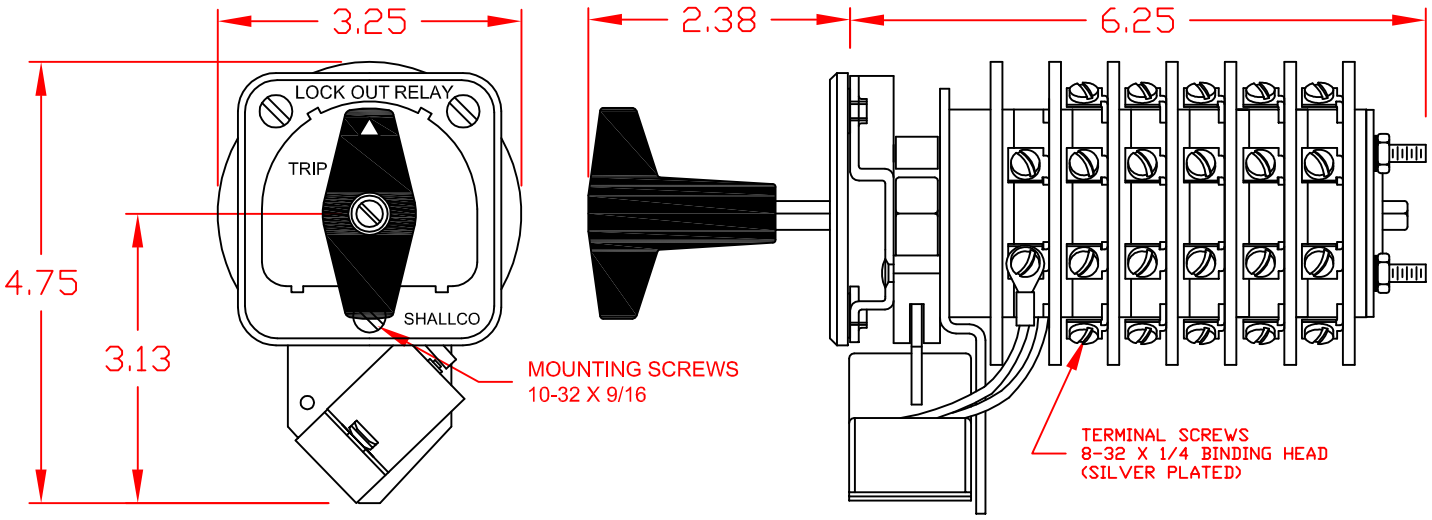
7605E



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
THRESHOLD VOLTAGE: 23 VDC
OPERATING RANGE: 45 - 140 VDC
CURRENT AT RATED VOLTAGE: 2.5 AMPS

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

OVERLOAD CURRENT (50 OPERATIONS):
95 A/120 VAC
65 A/240 VAC
35 A/600 VAC

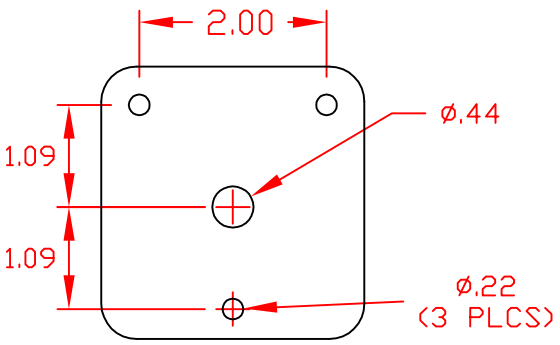
DIELECTRIC STRENGTH: 2200 VRMS

INSULATION RESISTANCE: 100 MEGOHMS INITIAL

CONTACT RESISTANCE: 10 MILLIOHMS MAX. INITIAL

DECK	CONTACTS	POSITION TRIP	POSITION RESET
1	11 — 13		X
	12 — 18	X	
	15 — 17		X
	16 — 14	X	
2	21 — 23		X
	22 — 28	X	
	25 — 27		X
	26 — 24	X	
3	31 — 33		X
	32 — 38	X	
	35 — 37		X
	36 — 34	X	
4	41 — 43		X
	42 — 48	X	
	45 — 47		X
	46 — 44	X	
5	51 — 53		X
	52 — 58	X	
	55 — 57		X
	56 — 54	X	

NAMEPLATE AND PANEL DRILLING DIMENSIONS



DESCRIPTION 7605E REV. A

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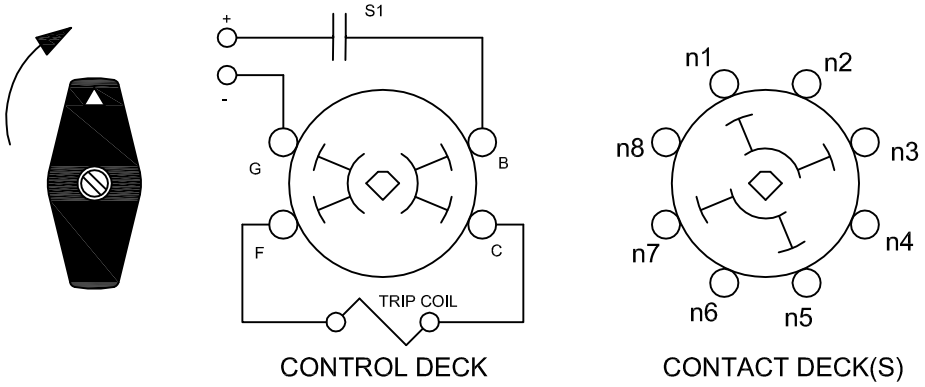
LOCK-OUT RELAYS (LOR)

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

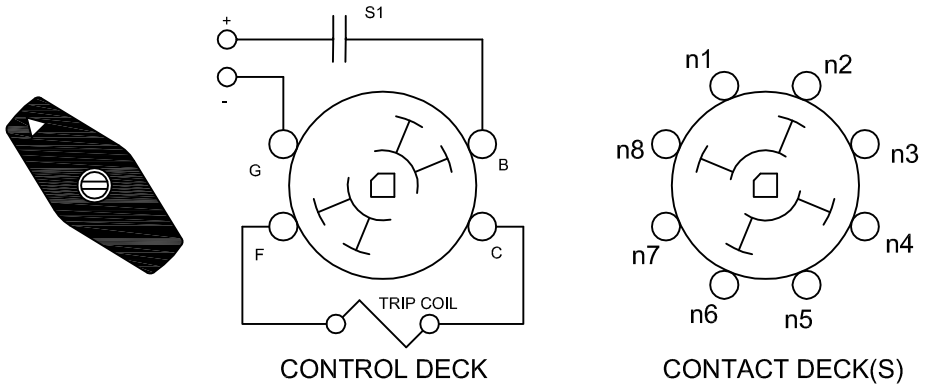


CONTROL DECK CONTACT DECK(S)

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



CONTROL DECK CONTACT DECK(S)

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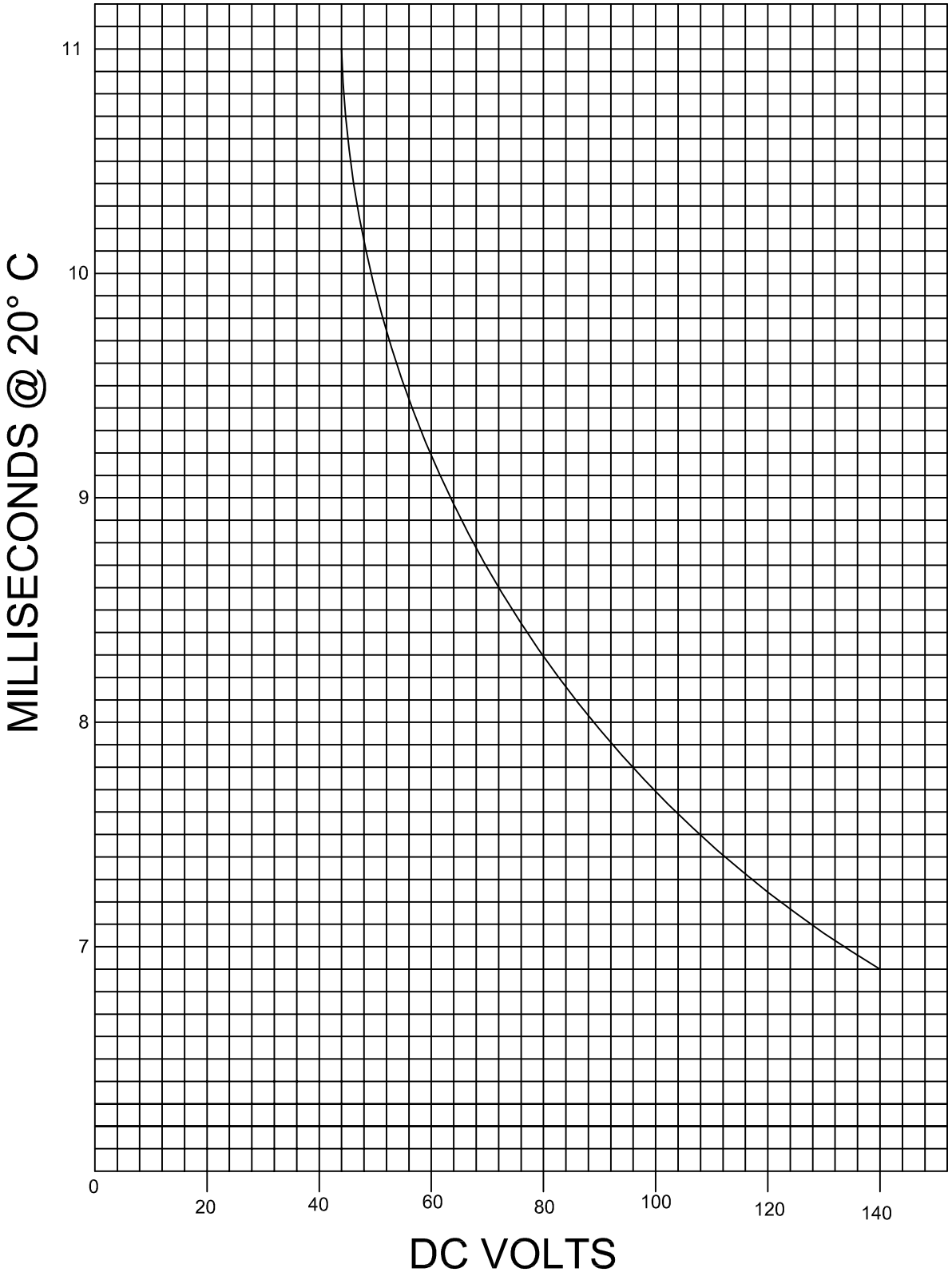
RESPONSE TIME

(TIME TO CLOSE NORMALLY OPEN CONTACTS)



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