#### 7610D125VDCCXAWP 3.46 10,14 GREEN RED TRIP BLUE TUBING 0 **OVER WIRES TERMINAL TERMINAL SCREWS** BOARD DECK 8-32 X 1/4 SPECIFICATIONS: BINDING HEAD NO. OF POSITIONS: 2, TRIP AND RESET (SILVER **BLUE** TUBING DVER NO. OF SECTIONS: 10 PLATED) **WIRES** CONTACTS: 2 NORMALLY OPEN PLUG **RECEPTACLE** 2 NORMALLY CLOSED PER DECK POSITION ACTION: 45° POSITIVE TRIP DETENT CONTACTS 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 • 47 15 A/240 VAC 1 A/ 250 VDC 6 A/600 VAC MOUNTING HOLE DETAIL OVERLOAD CURRENT 1.09 1.00 Ø0.22 (50 OPERATIONS): 65 • 1.00 HOLES 95 A/120 VAC 65 A/240 VAC 35 A/600 VAC $\emptyset 0.44$ Ø0.38 DIELECTRIC STRENGTH: 85 • 2200 VRMS 84 • 0.94 • 93 92 • • 98 **INSULATION RESISTANCE:** 95 100 MEGOHMS INITIAL 94 • • 96 1.09 CONTACT RESISTANCE: 105 • 10 MILLIOHMS MAX. INITIAL PART NUMBER DESCRIPTION LOCK-OUT RELAY SPECIFICATION SHEET

SHALLED
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308 COMPONENTS DRIVE SMITHFIELD, NC 27577 USA 7610D125VDCCXAWP

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# 7610D125VDCCXAWP **SHALLU** RED LED GREEN LED BROWN WHITE 125 VDC PLUG /RECEPTACLE В G WHITE F COIL TB1 TB2 **SCADA** TB8 + ∽ ) TB3 **SWITCH TERMINAL BOARD** TB7 TB4 TB5 TB6 ORANGE PART NUMBER 7610D125VDCCXAWP 308 COMPONENTS DRIVE SMITHFIELD, NC 27577 USA PAGE 2 OF 5 AN ISO 9001 COMPANY

# 7610D125VDCCXAWP



LOCK-OUT RELAYS (LOR)

**GENERAL OPERATION:** 

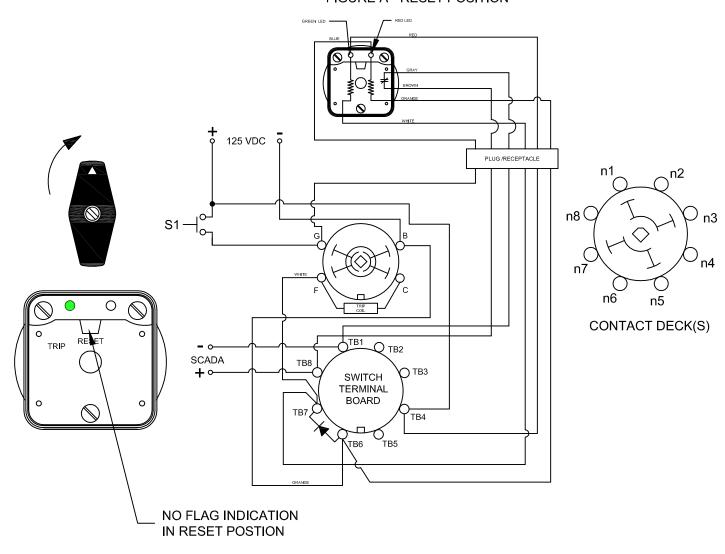
THE HANDLE OF THE LOR MUST BE MANUALLY ROTATED CLOCKWISE TO PLACE THE UNIT IN THE

"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



PART NUMBER

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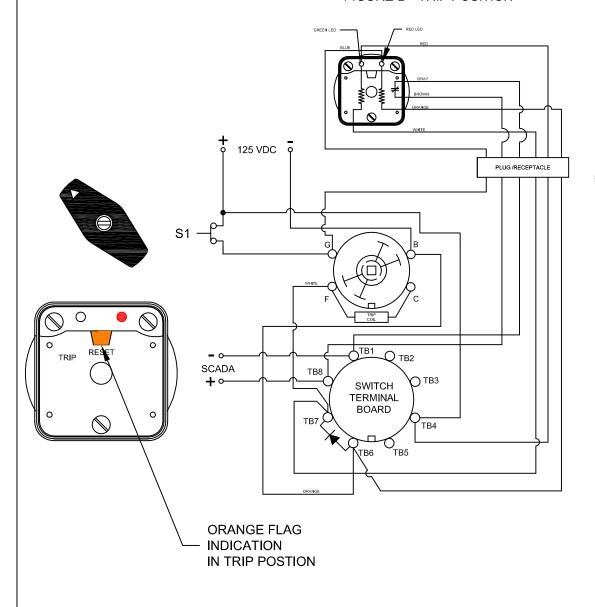


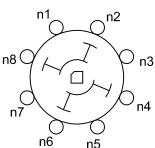
CONDITION #2		
ROTOR	RESET (AS SHOWN)	
SWITCH 1 (S1)	CLOSED	

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 THE RIGHT LED ILLUMINATES UNTIL S1 OPENS. THE SCADA CIRCUIT CLOSES.

#### FIGURE B - TRIP POSITION





CONTACT DECK(S)

PART NUMBER

## 7610D125VDCCXAWP



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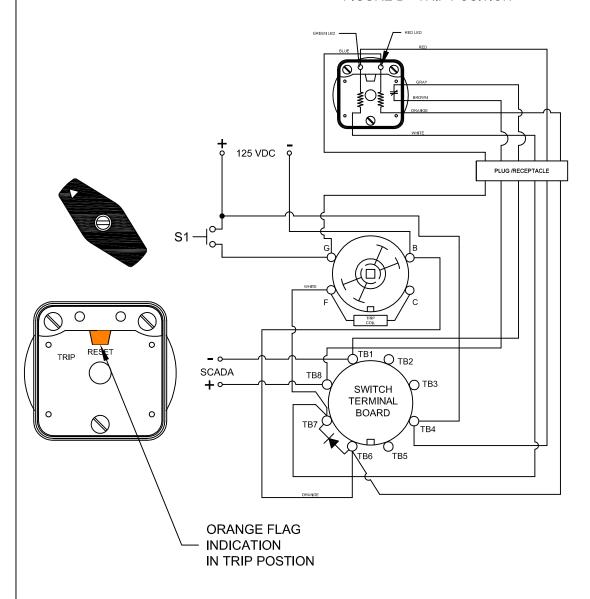


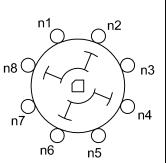
CONDITION #2		
ROTOR	RESET (AS SHOWN)	
SWITCH 1 (S1)	OPEN	

RESULT	
LEFT LED	OFF
RIGHT LED	OFF
SCADA SWITCH	CLOSED

WHEN S1 OPENS, THE RIGHT LED GOES OFF; HOWEVER THE SCADA CIRCUIT REMAINS CLOSED UNTIL THE LOR IS ROTATED BACK INTO THE RESET POSITION

#### FIGURE B - TRIP POSITION





CONTACT DECK(S)

PART NUMBER

## 7610D125VDCCXAWP



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