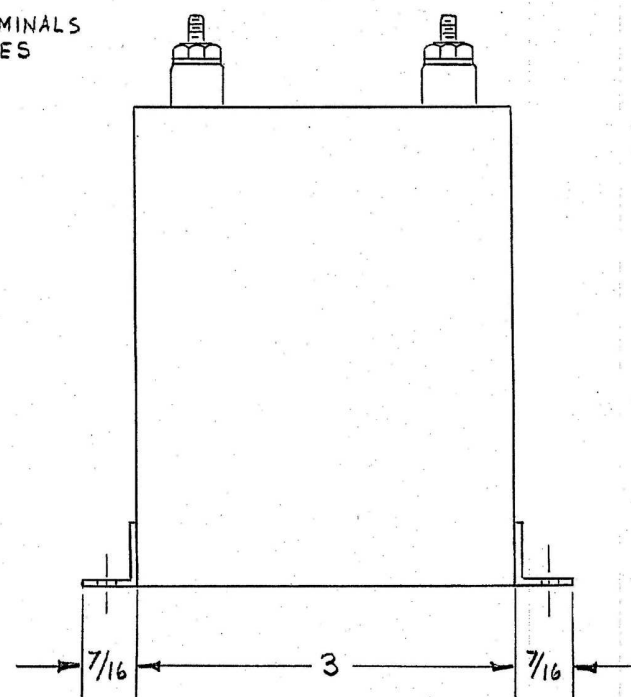
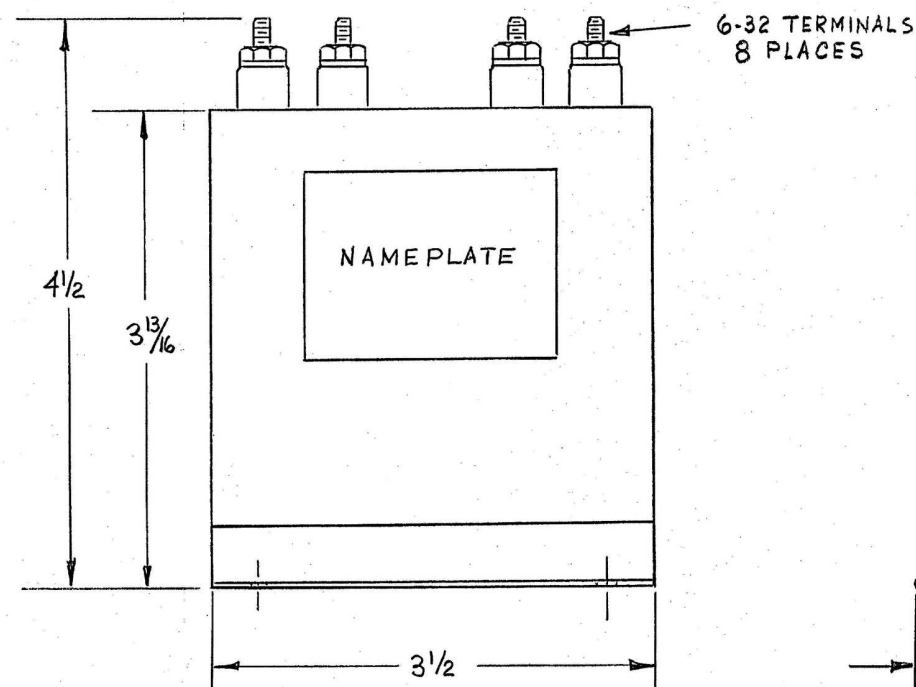
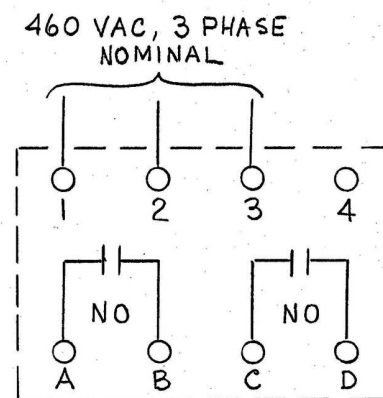


### CONNECTIONS



### NOTES

1. THE VOLTAGE TRIP POINTS ARE FACTORY SET AS FOLLOWS:

UNDERVOLTAGE:  $430 \pm 10$  VOLTS

OVERVOLTAGE:  $530 \pm 10$  VOLTS

2. "EMD P/N 9333490", DATE AND SERIAL NO. TO BE STAMPED IN AREA SHOWN ON FACE OF RELAY.

3. STAMP LETTERS NO, NO, A, B, C & D IN LOCATIONS SHOWN.

4. REMOVE SCREWS FOR ACCESS TO UNDERVOLTAGE AND OVERVOLTAGE TRIP ADJUSTMENTS. CLOCKWISE ROTATION OF THE ADJUSTMENT POTENTIOMETER WILL RAISE THE TRIP POINT.

5. CONTACTS RESISTANCE IS FACTORY TESTED NOT TO EXCEED  $100 \text{ m}\Omega$  AT  $100 \text{ mA}$  AND  $28 \text{ VDC}$ .

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	DATE ADDED TO NOTE 2	8/25/78	C.M.

### SPECIFICATIONS

NOMINAL VOLTAGE: 460 VOLTS L-L, 3 PHASE

NOMINAL FREQUENCY: 50 - 400 Hz.

TRIP POINT RANGE:

UNDERVOLTAGE: 325 - 460 VOLTS, SCREWDRIVER ADJUSTABLE.

OVERVOLTAGE: 460 - 575 VOLTS, " "

PICK-UP TO DROP-OUT DIFFERENTIAL: 3% MAX.

OPERATING TEMPERATURE:  $-20^\circ\text{C}$  TO  $+85^\circ\text{C}$

TEMPERATURE DRIFT:  $\pm 1\%$  MAXIMUM VOLTAGE ERROR OVER THE TEMPERATURE RANGE.

OUTPUT CONTACTS: TWO SETS NORMALLY OPEN.



CONTACT RATING: 5 AMP RESISTIVE AT 120VAC OR 28VDC

OPERATION: THE CONTACTS ENERGIZE (CLOSE) AT NOMINAL VOLTAGE.

THE CONTACTS DE-ENERGIZE (OPEN) AT OVERVOLTAGE AND UNDERVOLTAGE.

CONSTRUCTION: SOLID STATE SENSOR WITH RELAY OUTPUT ENCLOSED IN A SEALED STEEL CAN.

CUSTOMER DRAWING  
SD- 255-4X Rev. A

QTY REQD.	SYM	DESCRIPTION	CODE IDENT NO.	PART NO.	SPEC	MATERIAL OR NOTE	ITEM NO.
LIST OF MATERIAL							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS DECIMALS ANGLES ±1/32 ±.010 ±1/2°	CONTRACT NO.			<div><div>WILMAR</div><div>ELECTRONICS, INC.</div></div>			
	DRAWN	E.R.H.	10-4-77	2430 AMSLER STREET		TORRANCE, CALIFORNIA 90505	
	CHECKED		10-4-77	TITLE			
	DESIGN APPROVAL				OVER/UNDervOLTAGE RELAY		
	PROJECT APPROVAL				MODEL 255-4X		
MATERIAL	DESIGN ACTIVITY APPROVAL			SIZE	CODE IDENT NO.	DWG. NO.	
	APPROVAL			C	25248	21-355	
				SCALE	WEIGHT	SHEET	

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