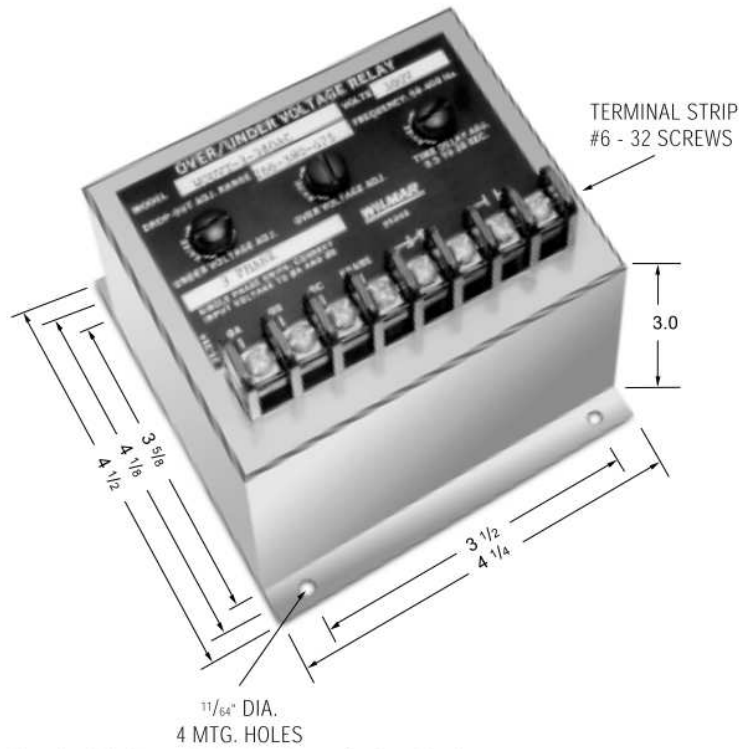
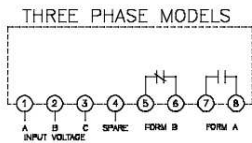
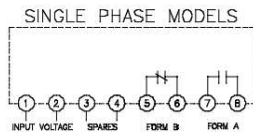


REV.	ECO	DESCRIPTION	DATE	APPROVED
A	-	INITIAL DRAWING	04SEP2020	TN



**Note:** Dimensions in inches. Multiply values by 25.4 for dimensions in mm.



PRODUCT SPECIFICATIONS	
<b>Part Number</b>	<b>WOUVT</b>
Nominal Voltage .....	120 VAC to 575 VAC
Phase .....	Single or Three
Line Frequency .....	50-400 Hz
Type of Sensing .....	Average of all three phases
Undervoltage Trip .....	70-100% of nominal voltage, screwdriver adjustable
Overvoltage Trip .....	100-125% of nominal voltage, screwdriver adjustable
Drop-out Time Delay .....	0.5 to 20 seconds, screwdriver adjustable
Pick-up to Drop-out Differential .....	2% maximum
Output Contacts .....	One set N.O., One set N.C.
Contact Ratings .....	5 amp resistive at 120 VAC or 28 VDC
Operating Temperature Range .....	-40°C to +70°C
Power Consumption .....	4 VA maximum



TITLE WOUVT-3-416AC=WILMAR OVER/UNDE	
TE P.N. 9-1618107-0	DWG NO. WOUVT-3-SERIES
CAGE CODE 18741	SCALE NONE
DS DATA SHEET	SHEET 1 OF 2
	REV A

**PART NUMBER SELECTION**

Sample Part No. **WOUVT -1-120AC**

Type: \_\_\_\_\_  
 WOUVT - Over/Undervoltage

No. Phases \_\_\_\_\_  
 1 = Single  
 3 = Three (line to line)

Line Voltage VAC \_\_\_\_\_  
 115      400  
 120      416  
 200      440  
 208      460  
 220      480  
 230      525  
 240      575  
 380

Options:  
 Blank - Standard  
 A = 2 Form A Contacts  
 B = 2 Form B Contacts  
 H = 125 VDC Contacts  
 P = Transient Protection

Option "H" provides for contacts rating of 3 amps @ 125VDC.

Option "P" provides additional transient protection which complies with the requirements of ANSI/IEEE C37.90-1978

**Function:** 27/59

- ANSI/IEEE C37.90-1978


Voltage sensitive relays are available for both AC and DC applications for overvoltage and undervoltage protection. Combination over/undervoltage relays provide band-pass capabilities. AC relays are either single or three-phase type. Three phase relays are designed to sense the average of the three phases. Voltage trip points are screwdriver adjustable, and operation is time-delayed so that momentary voltage transients will not cause nuisance tripping.

**Operation:**

The relay will energize at normal voltage condition. The normally closed contact (Form B) will open and the normally open (Form A) will close. The relay will de-energize after time delay when over or undervoltage condition is reached.

**Notes:**

1. Remove black screw for access to the voltage trip and time delay adjustment potentiometer.
2. Clockwise rotation of the voltage adjustment potentiometer will raise the voltage trip point.
3. Clockwise rotation of the time adjustment potentiometer will increase the drop-out time delay.

 TE CONNECTIVITY CARPINTERIA, CA 93013		TITLE WOUVT-3-416AC=WILMAR OVER/UNDE			
		TE P.N. 9-1618107-0		DWG NO. WOUVT-3-SERIES	
DS	DATA SHEET	CAGE CODE 18741	SCALE NONE	SHEET 2 OF 2	REV A