

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL DRAWING	19SEP2019	VM	TN

Ordering Information

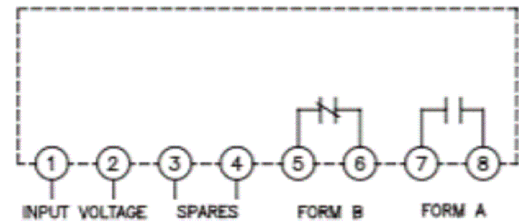
Sample Part Number ►

Type: WOUVT - Over/Undervoltage

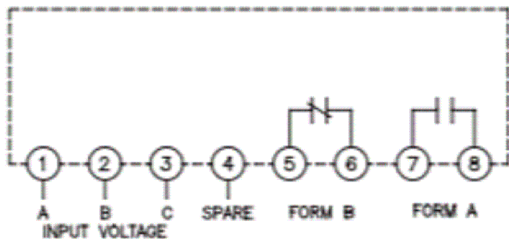
No. Phases -1
1 = Single
3 = Three (line to line)

Line Voltage VAC -120AC
115
120
200
208
220
230
240
380

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



Single Phase Models



Three Phase Models

Product Facts

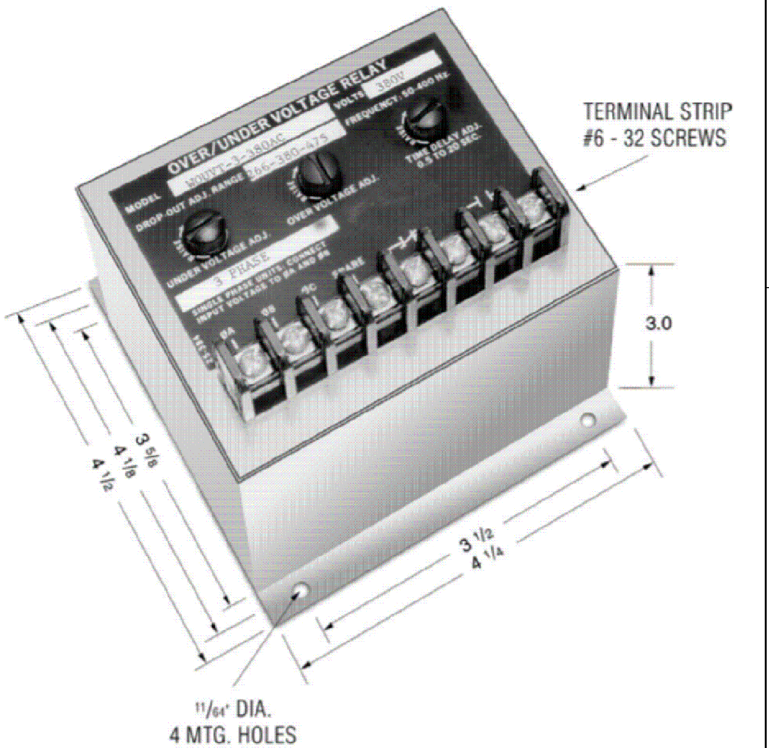
■ **Function 27/59**
■ **ANSI/IEEE C37.90-1978**
Voltage sensitive relays are available for both AC and DC applications for overvoltage and undervoltage protection. Combination over/undervoltage relays provide band-pass capabilities. AC relays are either single or three-phase type. Three phase relays 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.


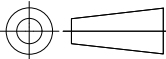
Product Specifications

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

- 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.



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN VM	19SEP2019	<div>TE Connectivity</div>				
		CHK RV	19SEP2019					
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME				
		APVD TN		WOUVT SERIES, OVER/UNDERVOLTAGE				
		PRODUCT SPEC		—				
		APPLICATION SPEC		—				
		—		—				
MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
—		—		A3	—	C-WOUVT-SERIES	—	
CUSTOMER DRAWING						SCALE	SHEET	REV
						NTS	1 OF 1	A

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