

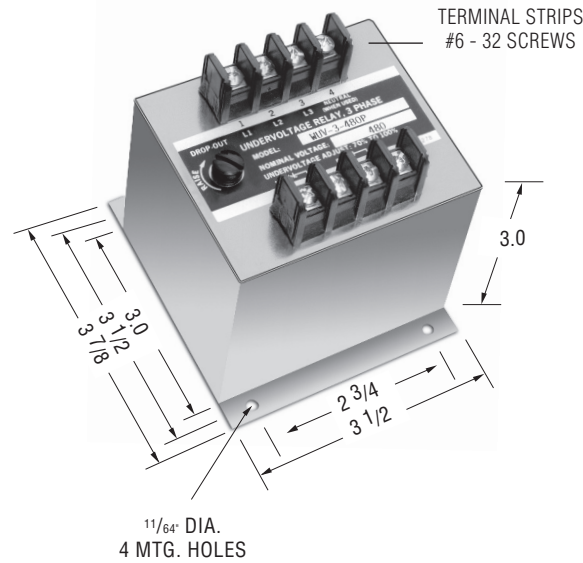
WUV/WOV Series

Product Facts

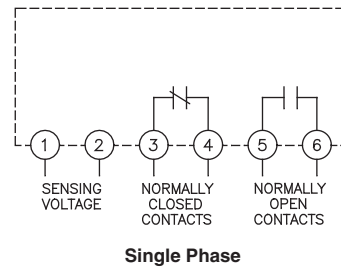
- Function 27/59
- ANSI/IEEE C37.90-1978
- UL File No. E58048
- CSA File No. LR61158



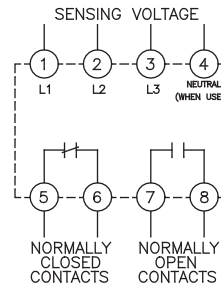
Voltage sensitive relays are available for both AC and DC applications for over/undervoltage protection. Combination over/undervoltage relays provide bandpass capabilities. AC relays are either single or three-phase type. Three phase models are designed to sense the average of the three phases or the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



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



Single Phase



Three Phase

Product Specifications

- Nominal Voltage** — 120 VAC to 575 VAC
- Phase** — Single or Three
- Line Frequency** — 50-400 Hz
- Pick-up to Drop-out Differential** — 2.5% maximum
- Drop-out Point (u/v models)** — 70-100% of nominal voltage, screwdriver adjustable
- Pick-Up Point (o/v models)** — 100-125% of nominal voltage, screwdriver adjustable
- Output Contacts** — One set N.O., One set N.C.
- Contact Ratings** — 5 amp resistive at 120 VAC or 28 VDC
- Operating Temperature Range** — -20°C to +65°C
- Power Consumption** — 2 VA maximum
- Time Delay** — 150-300 ms (UV Model)
- Minimum Life** — 500,000 operations

Notes:

1. Remove black screw for access to the voltage trip adjustment.
2. Clockwise rotation of the adjustment potentiometer will raise the voltage trip point.

Ordering Information

Sample Part Number ►

Type:

WUV - Undervoltage
WOV - Overvoltage

No. Phases

1 = Single
3 = Three

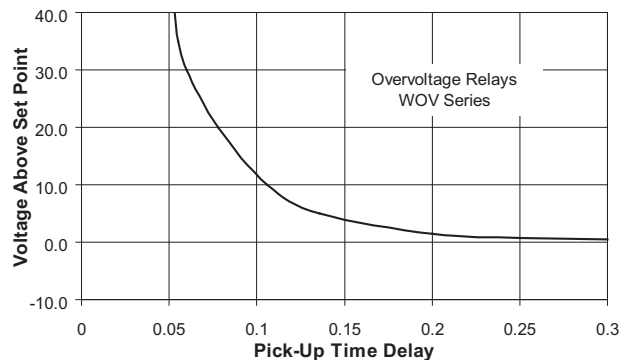
Line Voltage VAC

120 416
208 440
220 460
230 480
240 525
380 575

Options

P - Transient Protection
A - Two Normally Open Contacts
B - Two Normally Closed Contacts
H - 125VDC, 3A Contacts

Typical Time Curve



Transient Protection — All voltage relays will withstand momentary voltage surges of twice the nominal rated input voltage (standard).

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

Consult factory for additional models.