

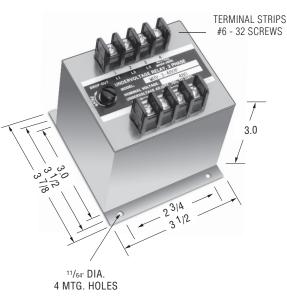
WUV/WOV Series

Product Facts

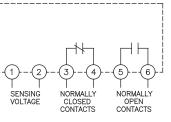
- Function 27/59
- ANSI/IEEE C37.90-1978
- UL File No. E58048
- CSA File No. LR61158

(UL)

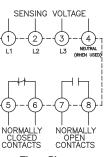
Voltage sensitive relays are available for both AC and DC applications for over/undervoltage protection. Combination over/undervoltage relays provide bandpass capabilities. AC relays are either single or three-phase type. Three phase models are designed to sense the average of the three phases or the 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)

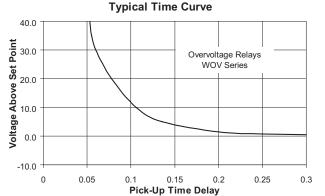
Minimum Life — 500,000 operations

Notes:

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

Ordering Information

Sample Part Number	<u>WUV -1 -120</u>
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 Contact H - 125VDC, 3A Contacts	S



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.

Catalog 5-1773450-5 Revised 3-13

Dimensions are shown for reference purposes only. Specifications subject to change. Dimensions are in millimeters unless otherwise specified.

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