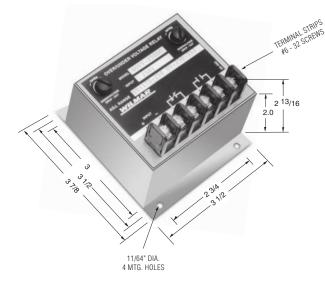


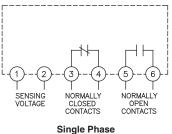
WOUV DC Series, Over/Undervoltage

Product Facts ANSI/IEEE C37.90-1978

The relay will energize at normal voltage conditions. The normally open contacts will close, and the normally closed contacts will open. The relay will de-energize during over or undervoltage conditions. Reset is automatic when the voltage returns to normal.



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



Ordering Information

Sample Part Nu	imber 🕨	WOUV -12DC	<u>-A</u>
WOUV - Ove	er/Undervoltage		
Line Voltage V 12DC 18DC 24DC 28DC 32DC 48DC 60DC 120DC	DC 125DC 240DC 250DC 305DC 405DC 430DC 430DC 470DC 560DC		
Options: Blank - Standard A = 2 Form A Contacts B = 2 Form B Contacts H = 125 VDC Contacts P = Transient Protection			

Product Specifications

Nominal Voltage (±10%) — 12 VDC to 560 VDC

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 — -40°C to +75°C

Temperature Effects —

Less than 1% voltage drift over the temperature range.

Power Consumption -

12 to 60 VDC models — 1 W max. 120 to 305 VDC models - 2 W max. 405 to 470 VDC models — 3 W max. 560 VDC Model — 4 W max.

Time Delay — A short duration delay is provided to prevent nuisance tripping due to momentary dips or surges in voltage. The drop-out delay, following a voltage fault is 75 to 100 milliseconds

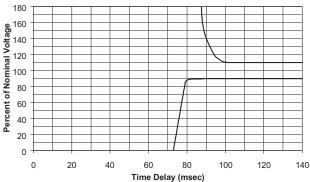
Notes:

1. Remove black screws for access to the O/V and U/V trip adjustment.

2. Clockwise rotation of the adjustment potentiometer will raise the voltage trip point.

3. The adjustments are by means of a single turn potentiometer. Use a small screwdriver and do not force beyond the limit stops.

Drop-Out Time Delay WOUV...DC Series



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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