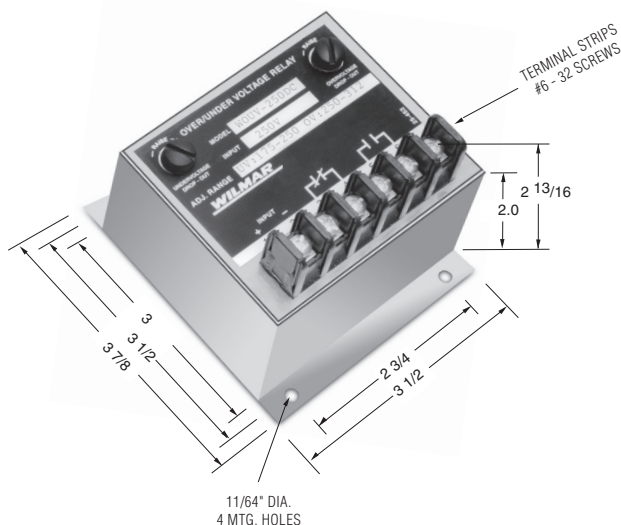


WOUV DC Series, Over/Undervoltage

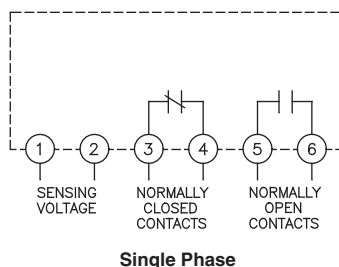
Product Facts

■ 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.



Product Specifications

Nominal Voltage ($\pm 10\%$) — 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 $+75^{\circ}\text{C}$

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.

Ordering Information

Sample Part Number ►

Type: WOUV - Over/Undervoltage

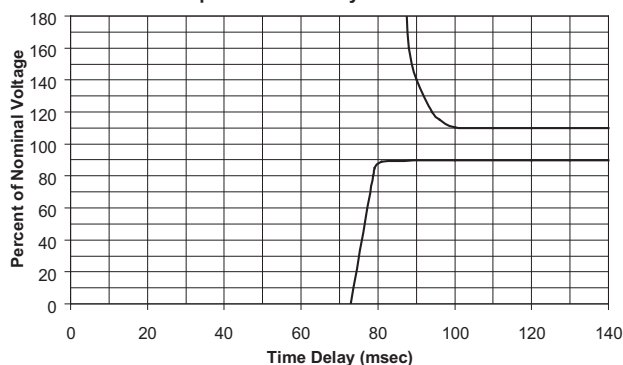
Line Voltage VDC

12DC	125DC
18DC	240DC
24DC	250DC
28DC	305DC
32DC	405DC
48DC	430DC
60DC	470DC
120DC	560DC

Options:

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

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[WOUV-18DC](#) [WOUV-240DC](#) [WOUV-48DC](#)