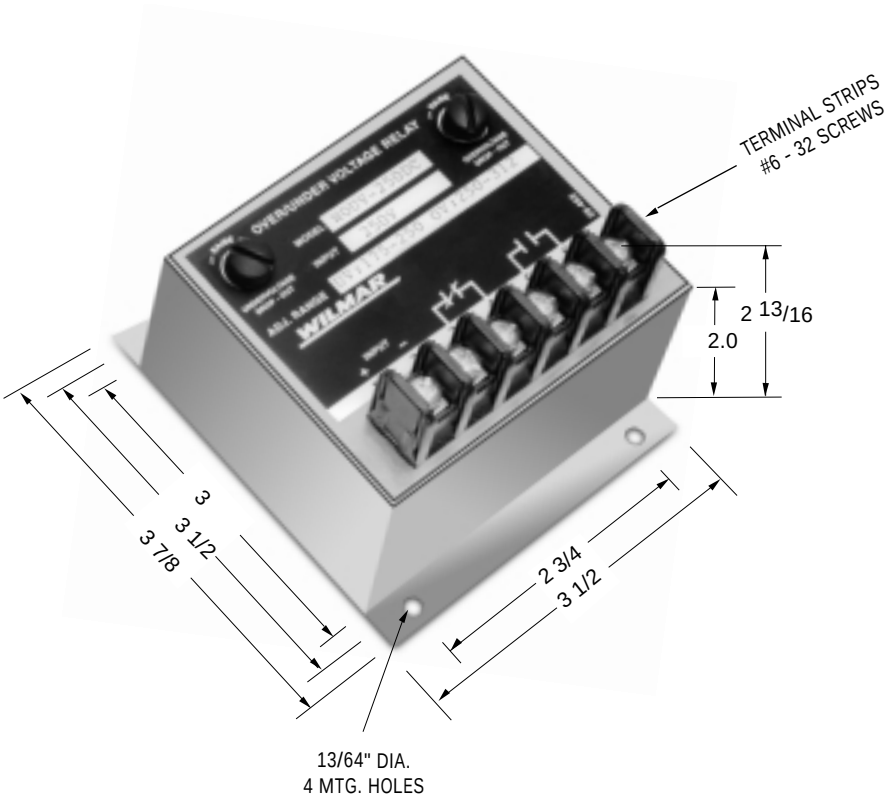
WILMAR™ Protective Relays – WOUV DC Series, Over/Undervoltage

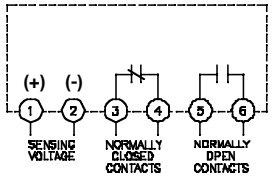


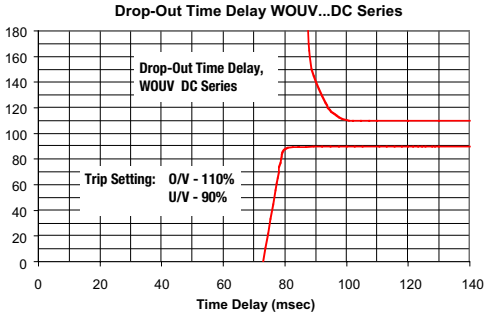
Note: Dimensions in inches. Multiply values by 25.4 for dimensions in mm.

Function:

- 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.





PRODUCT SPECIFICATIONS

Part Number	WOUV
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.

PART NUMBER SELECTION

Sample Part No. **WOUV-12DC-A**

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

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.