

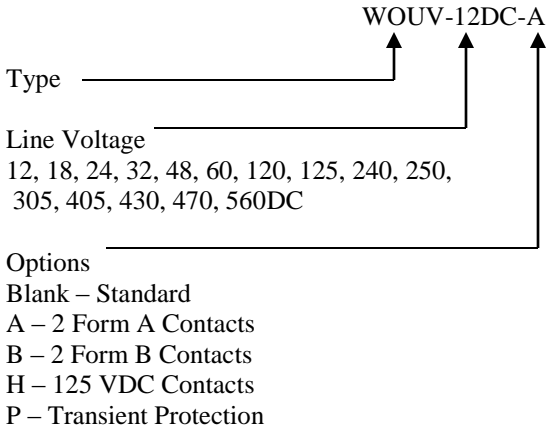


180 Lafayette Road
 North Hampton, NH 03862-2448
 PH: 603-964-3165
 FX: 603-964-3168
 WWW.PDEELECTRONICS.COM

Voltage Sensitive Relays

Single Phase Protective Relay
 WOUV DC Series

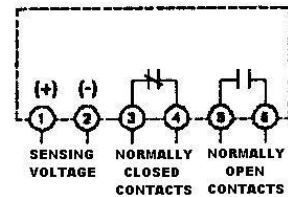
ORDERING INFORMATION



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

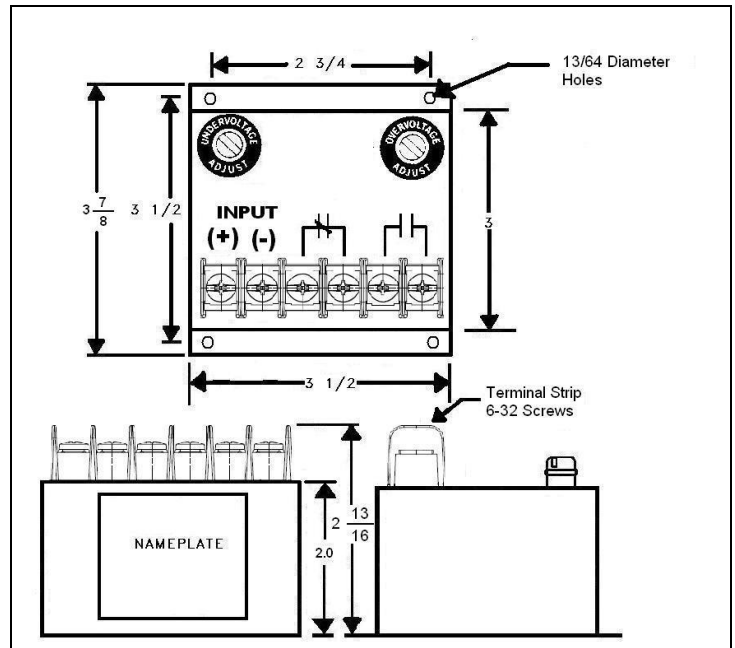
DESCRIPTION

The WOUV Series relay will energize at normal voltage conditions. The normally open contact will close, and the normally closed contacts will open. The relay will de-energize during over or under voltage conditions. Reset is automatic when the voltage returns to normal voltage conditions. A short duration time delay is provided to prevent nuisance tripping due to momentary dips or surges in voltage. The drop-out time delay following a voltage fault is typically 75 to 100 milliseconds.



ELECTRICAL SPECIFICATIONS

Nominal Voltage	12 VDC TO 560 VDC ($\pm 10\%$)
Undervoltage Trip	Adjustable 70% to 100% of nominal
Overvoltage Trip	Adjustable 100% to 125% of nominal
Contact Rating	5 amp. Resistive at 28 VDC or 120 VAC
Contact Form	One set N.O., one set N.C.
Temperature Range	-40° C to +75° C
Temperature Effects	Less than 1% voltage drift over the temperature range
Power Consumption	12 to 60 VDC: 1W max 120 to 305 VDC: 2W max 405 to 470 VDC: 3W max 560 VDC: 4W max



- Notes
1. Remove 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.