

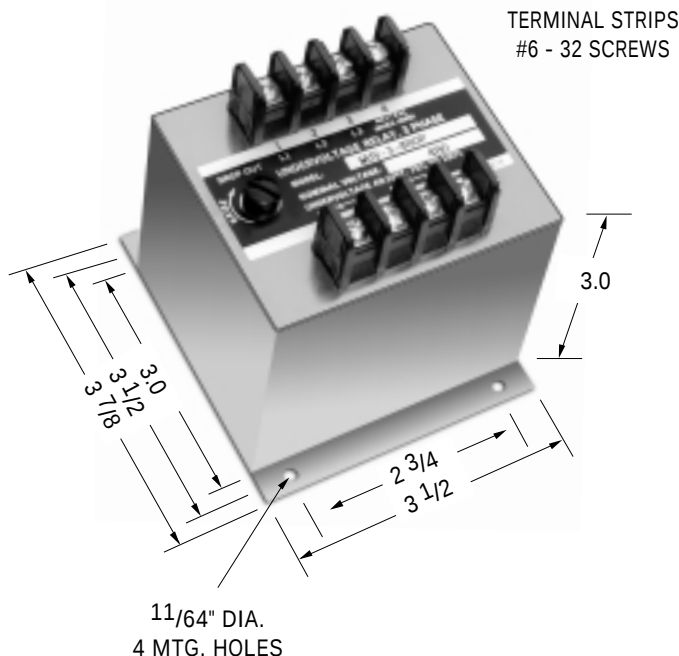
WILMAR™ Protective Relays – WUV/WOV Series

Function: 27/59

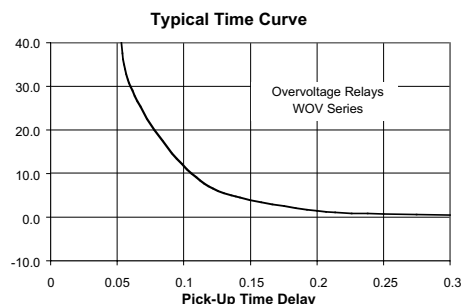
- ANSI/IEEE C37.90-1978
- UL file No. E58048
- CSA file No. LR61158



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.



PART NUMBER SELECTION

Sample Part No. **WUV-1-120**

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 Contacts
H - 125VDC, 3A Contacts

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.

PRODUCT SPECIFICATIONS

Part Number	WUV/WOV
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.
2. Clockwise rotation of the adjustment potentiometer will raise the voltage trip point.

Mouser Electronics

Authorized Distributor

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TE Connectivity:

[WUV-1-120P](#) [WUVT1-120-S](#) [WUV-3-120P](#) [WUV-3-208](#) [WUV-3-240](#) [WUV-3-480P](#) [WUVT1-120-BS](#) [WUVT3-120](#)
[WUVT3-120-A](#) [WUVT3-120-H](#) [WUVT3-120-S](#) [WUVT3-208-P](#) [WUVT3-230](#) [WUVT1-120](#) [WOVT3-120](#) [WOV-1-480](#)
[WOV-3-120](#) [WOV-3-120P](#) [WOV-3-208](#) [WOV-3-208P](#) [WOV-3-208SX](#) [WOV-3-240](#) [WOV-3-440](#) [WOVT1-120](#)
[WOVT3-208](#) [WOVT3-480](#) [WOVT3-575](#) [WUV-1-120/S1](#) [WUV-1-120H](#) [WOVT1-100](#) [WUV-1-480](#) [WOV-1-120](#) [WUV-](#)
[1-120](#) [WUVT3-208](#) [WUVT3-240](#)