

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL DRAWING	19SEP2019	VM	TN

**Ordering Information**

Sample Part Number ▶

WOUV -12DC

-A

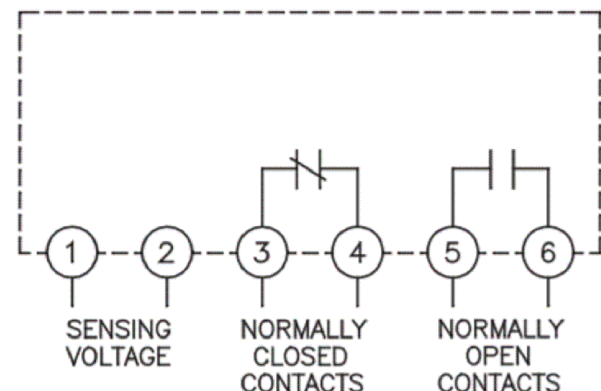
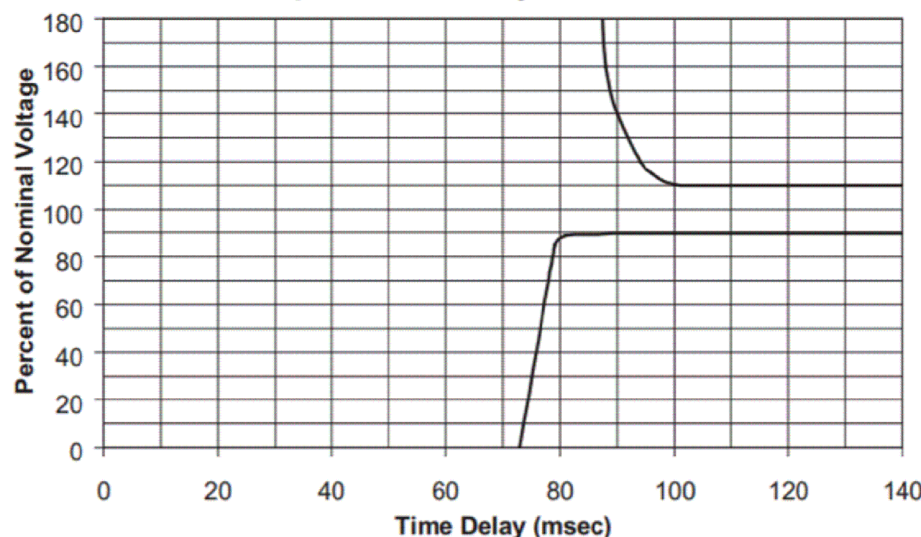
Type: WOUV - Over/Undervoltage

**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

Drop-Out Time Delay WOUV...DC Series



Single Phase

**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

**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.

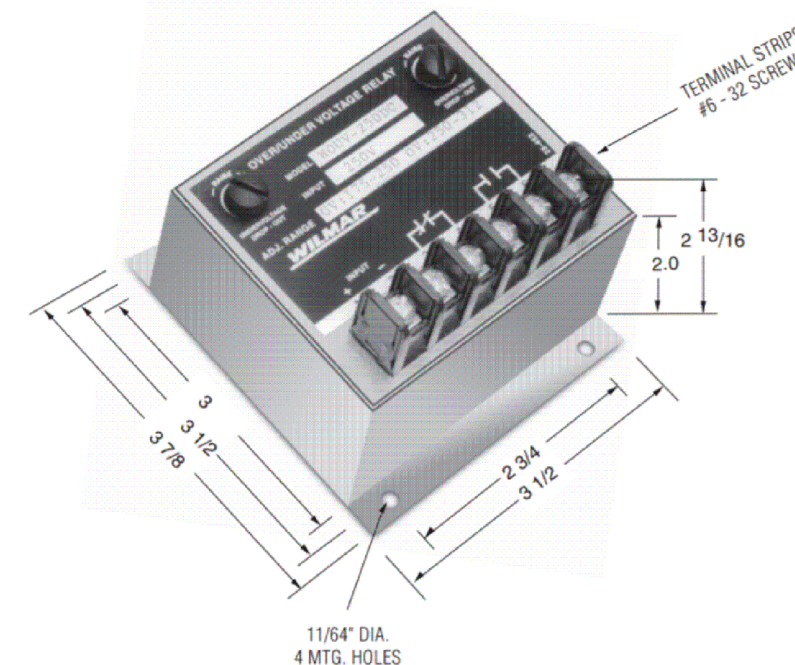
**Transient Protection** — All voltage relays will withstand momentary voltage surges of twice the nominal rated input voltage (standard).

**Option "P"** provides additional transient protection which complies with the requirements of ANSI/IEEE C37.90-1978

**Consult factory for additional models.**

**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.



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN VM 19SEP2019	TE Connectivity			
DIMENSIONS: INCHES		CHK RV 19SEP2019				NAME
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD TN 19SEP2019	WOUV DC SERIES OVER/UNDERVOLTAGE			
0 PLC ± -		PRODUCT SPEC	-			
1 PLC ± -		APPLICATION SPEC	-			
2 PLC ± -		WEIGHT	SIZE A3	CAGE CODE -	DRAWING NO. C-WOUV-DC-SERIES	RESTRICTED TO -
3 PLC ± -		CUSTOMER DRAWING	SCALE NTS	SHEET 1 OF 1	REV A	
4 PLC ± -						
ANGLES ± -						
FINISH -						