REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL DRAWING	19AUG2019	VM	TN

PART NUMBER SELECTION

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

Type:
WUV - Undervoltage
WOV - Overvoltage

Line Voltage VDC

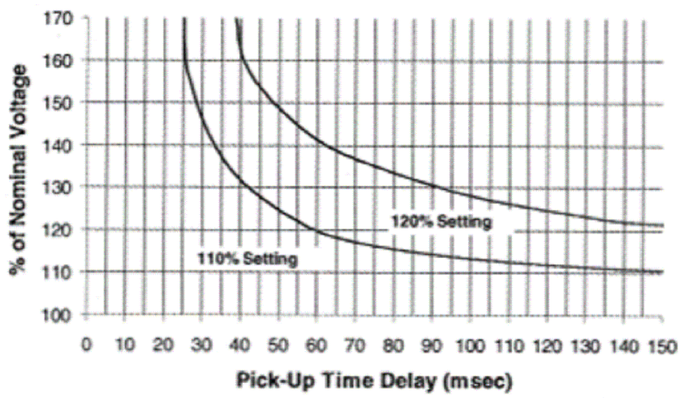
12DC	125DC
18DC	240DC
24DC	250DC
28DC	305DC
32DC	405DC
48DC	430DC
60DC	470DC
120DC	560DC

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

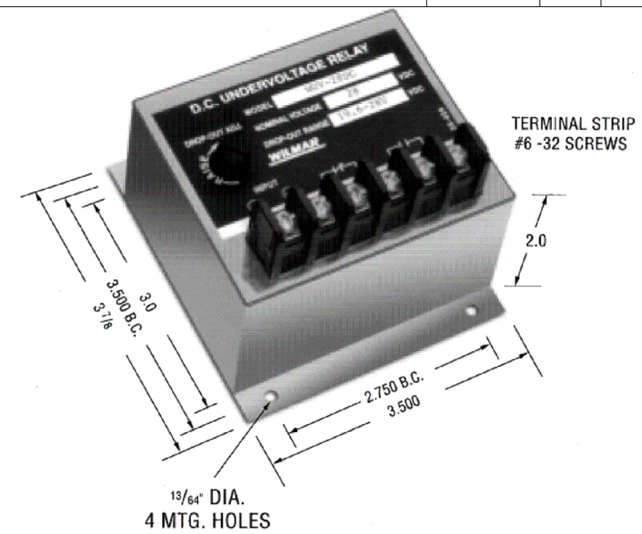
Time Curves DC Overvoltage Relays



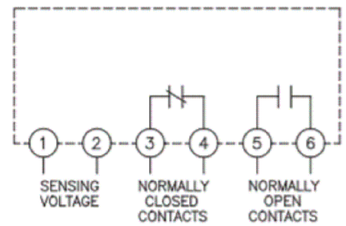
PRODUCT SPECIFICATIONS

Part Number	WOV/WUV
Nominal Voltage	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

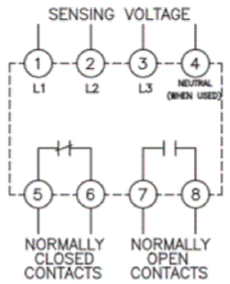
Notes:
1. Remove black screws for access to the O/V and U/V trip adjustment.
2. Clockwise rotation of the adjustment potentiometer will raise the voltage trip point.
3. The adjustments are by means of a single turn potentiometer. Use a small screwdriver and do not force beyond the limit stops.



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



Single Phase



Three Phase

NOTE:
SOME MODEL WITH OPTION A,B,H,P WILL HAVE 12–14 WEEKS LEAD TIME

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN	VM	19AUG2019
CHK	RV	19AUG2019
APVD	TN	19AUG2019
PRODUCT SPEC	–	
APPLICATION SPEC	–	
WEIGHT	–	

CUSTOMER DRAWING

TE Connectivity

NAME: WUV–WOV SERIES – –

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	–	C-WUV–WOV–SERIES	–

SCALE NTS | SHEET 1 OF 1 | REV A