

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL DRAWING	12NOV2019	RV	TN

Ordering Information

Sample Part Number ►

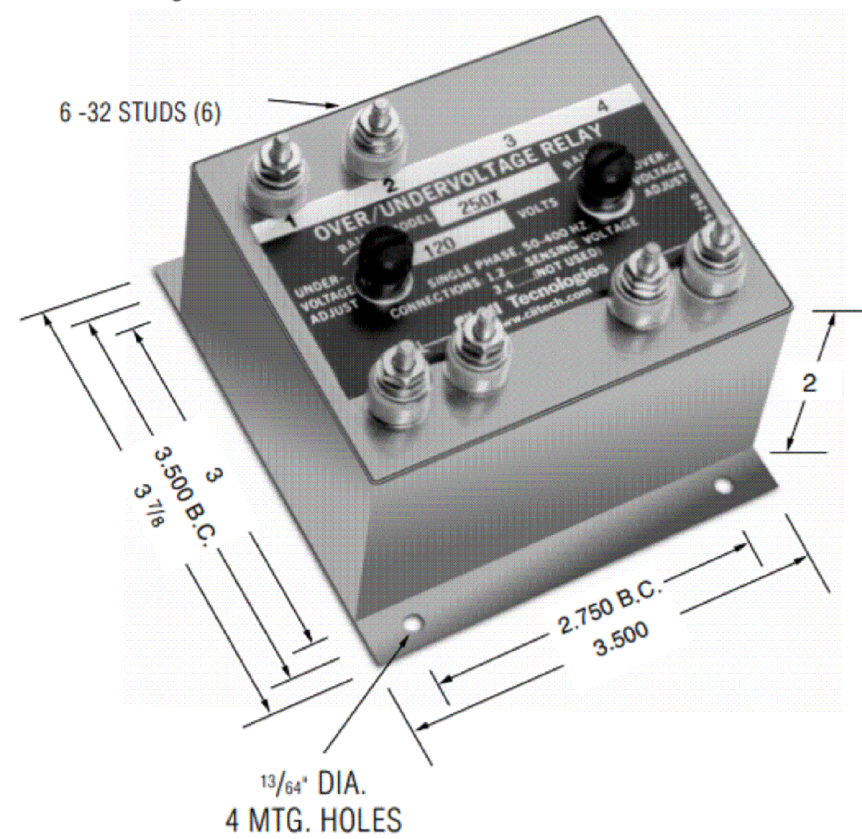
Model: L-L Volts

- 250X = 120 VAC, 1 Phase, 50-400 Hz
- 251X = 120/208 VAC, 3 Phase, 4 Wire, 50-400 Hz
- 252X = 115 VAC, 3 Phase, 3 Wire, 50-400 Hz
- 253X* = 230 VAC, 3 Phase, 3 Wire, 50-400 Hz
- 254X* = 380 VAC, 3 Phase, 3 Wire, 50-400 Hz
- 255X* = 460 VAC, 3 Phase, 3 Wire, 50-400 Hz
- 256X* = 575 VAC, 3 Phase, 3 Wire, 50-400 Hz

Mounting

- Blank = Stud
- X = Flange

* Enclosure height is 3.835"



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

ALL DIMENSIONS ARE IN INCHES

Product Specifications

Nominal Voltage — See Ordering Information

Undervoltage Trip — 70-100% of nominal voltage, screwdriver adjustable

Overvoltage Trip — 100-125% of nominal voltage, screwdriver adjustable

Pick-up to Drop-out Differential — 3% maximum

Contact Ratings — 5 amp resistive at 120 VAC or 28 VDC

Contact Form — One set N.O., one set N.C.

Operating Temperature Range — -20°C to +85°C

Construction

Solid State sensor with relay output enclosed in a sealed steel can.

Notes:

1. Remove screws for access the overvoltage or undervoltage trip adjustments. Clockwise rotation of the adjustment potentiometer will raise the trip point.

Contact Arrangements

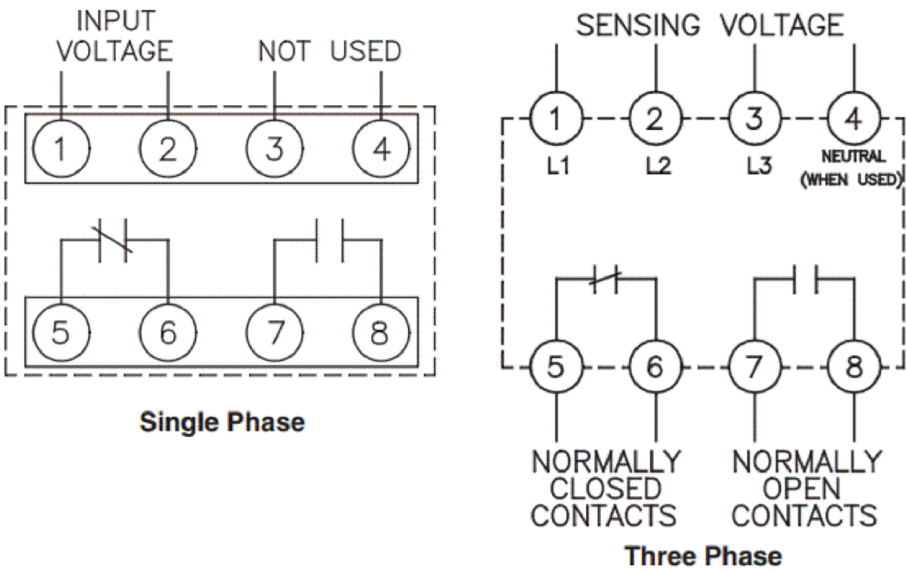
NC — Open at nominal voltage. Closed at Overvoltage and Undervoltage


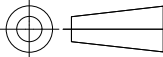
NO — Closed at nominal voltage. Open at Overvoltage and Undervoltage

The 250 series relays provide combined Overvoltage and Undervoltage protection in a single compact unit.

Models are available for single phase or three phase applications, and are suitable for either 50 Hz, 60 Hz, or 400 Hz operation. The trip point is adjustable.

A transistorized circuit provides a sharp and accurate response at the preset tripping voltage; unaffected by temperature or frequency variations.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RV 12NOV2019		<div>TE Connectivity</div>			
		CHK RV 12NOV2019					
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		NAME 250 SERIES OVER/UNDervoltage			
				PRODUCT SPEC —			
				APPLICATION SPEC —			
				SIZE A3			
				CAGE CODE —			
MATERIAL —		FINISH —		DRAWING NO C-250-SERIES			
		WEIGHT —		RESTRICTED TO —			
CUSTOMER DRAWING				SCALE NTS		SHEET 1 OF 1	REV A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[250-6X](#)