



VOLTAGE PROTECTION RELAY VP-001



■ MAIN FEATURES

The VP-001 is a range of voltage protection relays to continuously monitor AC power supplies both single phase and 3 phase. When the voltage moves outside either of the adjustable set limits, the internal relay is operated.

This, therefore, enables a single unit to give voltage protection for a particular application.

The VP-001 series is available in different models and are supplied in DIN standard cases which mount directly onto DIN rail.

The VP-001 series of Voltage Protection relays is available in the following models:

Item No. Over and under voltage protection - 3 phase 4 wire

VP-001/1
The internal relay is energised only when the supply is within the adjustable limits which are settable between - 5% and + 20%. This unit provides both

Item No. Over and under voltage protection - 3 phase 3 wire

VP-001/2
The internal relay is energised only when the supply is within the adjustable limits which are settable between - 5% and + 20%. This unit provides both

Item No. Over and under voltage protection - single phase

VP-001/3
The internal relay is energised only when the supply is within the adjustable limits which are settable between - 5% and + 20%. This unit provides both

■ CHARACTERISTICS

Burden:	4 VA at nominal volts
Difference:	Approx. 2%
Contact rating (max):	5A 250V (non inductive)
Contact life:	10 ⁶ at full load rating
Temperature range:	0°C to 60°C
Dielectric:	AC 2000V one Min
Change over contacts:	1A1B or 2A2B
Fixing:	To standard 35mm DIN rail

■ SPECIFICATION

Nominal Voltage	1ph inputs 120, 220, 240, 50/60Hz 3ph 3w inputs 380 or 415v L-L. 3ph 4w inputs 120, 220, 240. L-N.
Max. voltage	nominal + 30%.
Temperature dependence	Less than 1% change of setting for 10°C change.
Calibrated speed	±5% to ±20% of nominal volts.

■ ORDERING INFORMATION

1. Item No.
2. Nominal input voltage and frequency.
3. Input system - 1ph, 3ph3w or 3ph4w.
4. Single or double pole change-over contacts

■ DIMENSIONS/mm

