



Description

- Electronic Time Delay for Under Voltage Trip: VPM-09 is a device used to compensate voltage in a 1-phase system in cases where the voltage sags or flickers and causes temporary interruptions. It is used together with an Under Voltage Trip device.
- It is designed to maintain the operation of inductive loads such as an undervoltage coil, allowing them to continue functioning while the supply voltage flickers within a specified time period.
- The output delay time can be set from 0.5 to 5.0 seconds.
- Din Rail Installation

Specification

Power Supply		200-250 VAC/VDC
Power Consumption		4 VA
Output	Output (UVR)	200-250VDC, 250VAC
Timer Delay		0.5-5.0 Sec
Ambient Operation	Temperature	-10 °C to 60 °C
	Humidity	85 % RH Non-Condensing
Ambient Storage	Temperature	-20 °C to 80 °C
	Humidity	85 % RH Non-Condensing
Protection Degree		IP30
Installation		DIN-RAIL
Material		ABS-V0
Size (mm.)		72 x 55 x 100
Weight (kg.)		270

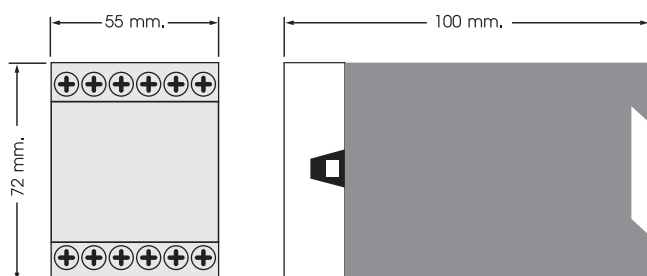
Operation

VPM-09 is a voltage compensation device that receives input voltage from a 1-phase 200-250 VAC/VDC power system and provides an output voltage for use with an Under Voltage Trip, Undervoltage Coil, or other related equipment.

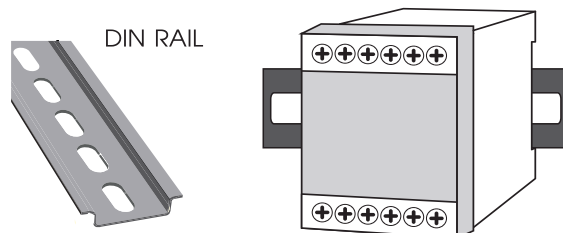
In the event that the incoming voltage drops or is interrupted, the VPM-09 will supply output voltage through Output 1 for the preset duration (Range 0.5-5.0 seconds) before shutting off. This function helps prevent the need to restart factory electrical systems during momentary voltage dips, avoiding long downtime and reducing operational costs.

In the event that the incoming voltage sags or flickers for a duration shorter than the preset time (Range 0.5-5.0 seconds), the VPM-09 will maintain normal operation. Once the voltage returns to its normal level, the VPM-09 will resume functioning as usual.

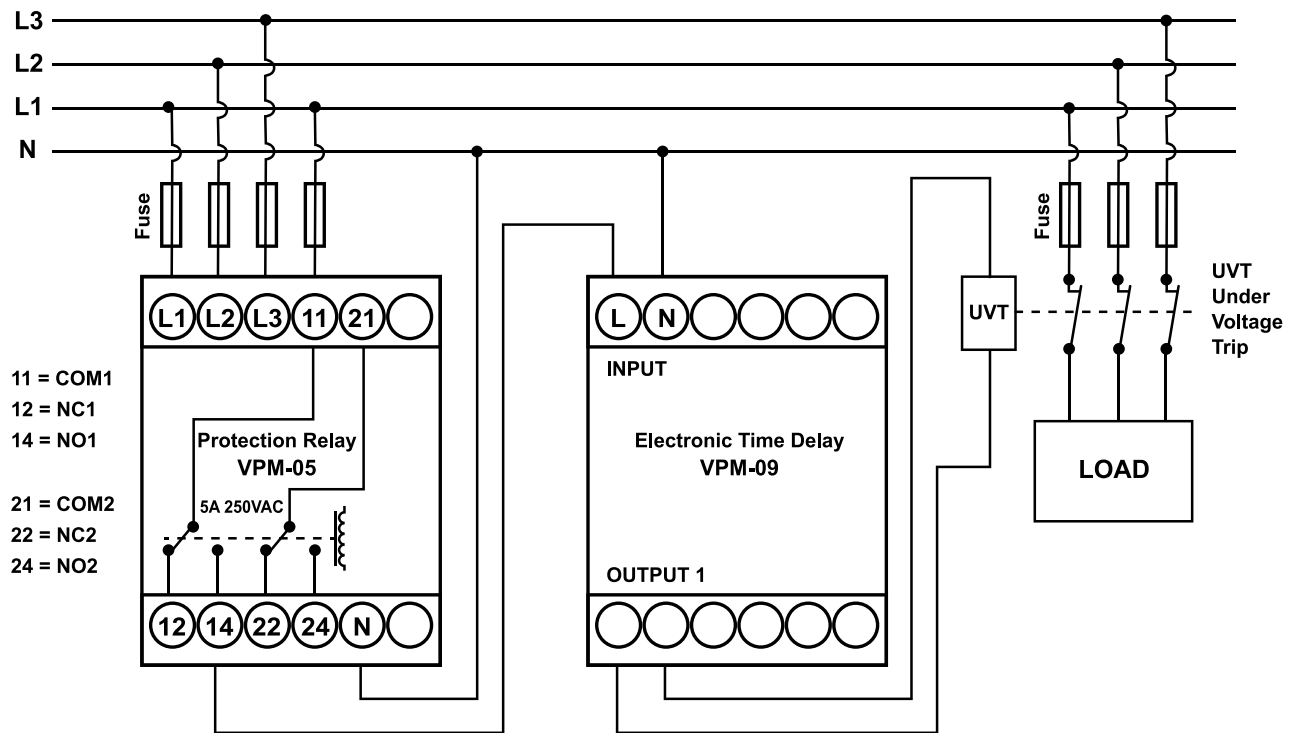
Dimension



Installation



Wiring Diagram



Ordering Code

VPM-09