

DIGITAL VOLTMETERS

1. INTRODUCTION

Digital Voltmeters are designed to measure the voltage of a system. Connection of the device can be Line to Neutral (L-N) or Line to Line (L-L).

2. USAGE

PM-V: PM-V is designed to measure the voltage of a system. Connection of the device can be Line to Neutral (L-N) or Line to Line (L-L). When the voltage is applied to the voltmeter terminal ends, the voltage value on the input end is displayed. A phase-phase and phase-neutral measuring and monitoring can be performed.

PM-SV: PM-SV measures line voltage of each and/or voltage values of phase to phase (L-L). The measured values are displayed on the LED screen. When the voltage is applied to the terminal ends, the voltage value on the input end is displayed. A phase-phase and phase-neutral measuring and monitoring can be performed (L1-N, L2-N, L3-N, L1-L2, L1-L3, L2-L3).

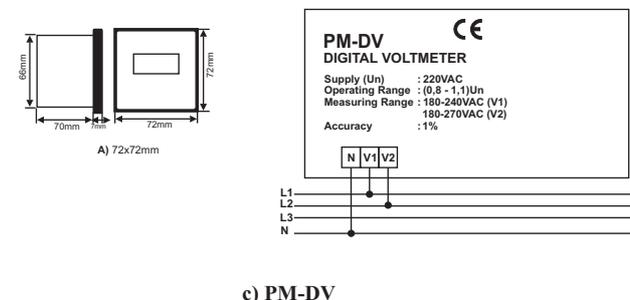
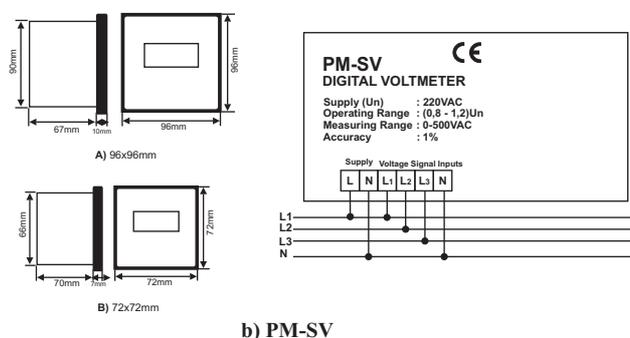
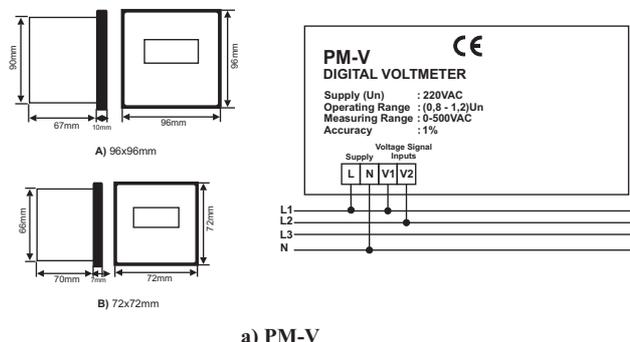
PM-DV: It is designed to measure and digitally display "Line to Neutral" value of the voltage line. Two phases and lines of the voltage can be also measured. N-V1 is the supply voltage. "N" input is used for "common neutral". Line of "V1" is displayed on the upper LED whereas line of "V2" on the lower.

NOTE: Custom-made devices with different standards are specified on their label.

3. USAGE AND SAFETY

- Turn off power during connection/wiring.
- Check correct mains voltage/wiring terminal.
- Installation shall only be performed by qualified personnel.
- Do not use any solvent or alike for cleaning.

4. MECHANICAL DIMENSIONS AND CONNECTION DIAGRAMS



5. TECHNICAL SPECIFICATIONS

Model	Un	Operating Range	Measuring Range	Accuracy	Dimensions and Connection Diagrams	Mount Type	Protection Class	Plastic Material	Operating Temperature	Weight
PM-V72	220VAC	(0,8-1,2)xUn	0-500VAC Phase + Phase Phase + Neutral	± 1 %	a	Panel Mounted	IP 20	V0 Nonflammable	-25°C ... +65°C	240 gr.
PM-V96	50-60 Hz				a					305 gr.
PM-SV72	220VAC	(0,8-1,1)xUn	0-500VAC 3 Phase + 1 Neutral		b					245 gr.
PM-SV96	50-60 Hz				b					305 gr.
PM-DV72	220VAC	(0,8-1,1)xUn	180-240VAC (V1) 180-270VAC (V2)		c					240 gr.
	50-60 Hz									

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