● SINGLE PHASE POWER METER

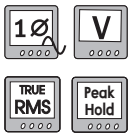
KM-09-V

1 PHASE VOLT METER

PRIMUS

CE





รอเบิกสินค้าถ่ายรูปใหม่

Description

- 1 Phase Volt Meter : KM-09-V is a voltage meter for single-phase electrical systems.
- Voltage measuring range: 20–500 VAC.
- PT Ratio can be set from 0.1–400.0
- True RMS measurement provides high accuracy.
- Equipped with 1 Alarm Relay Output with 4 selectable alarm functions.
- Includes Peak Hold function to display the maximum voltage in the system.
- LED indicators show operating status and electrical units.
- Display: 4-digit 7-segment, 0.56-inch, 1 row.

Specification

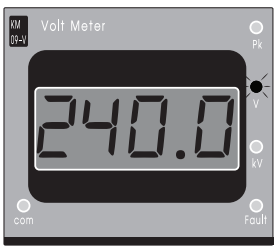
Power Supply		230VAC ±15 % 50-60Hz
		115VAC ±15 % 50-60Hz
Power Consumption		2.5VA
Display		7-Segment, Size 0.56 Inch 4 Digit,1 Row
Input	Voltage	Single Phase
	Phase Voltage (V Full)	20-500VAC
	Potential Transformer Ratio	0.1-400.0
	Primary	40000V
	Secondary	20-300V
Output		1 Alarm 5A/250VAC
Ambient 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	Front Protection Rating	IP52
	Case Protection Rating	IP30
Installation		Panel Mounting
Material		ABS-V0
Size (mm.)		96 x 96 x 76. 6
Weight (kg.)		465

Operation

KM-09-V the display has 2 pages, which are the display of the present measured voltage value and the Peak Volt Avg value, where the Peak Volt is calculated as an average over a 15-minute period; when the Up arrow button is pressed, the present voltage value is displayed, and when the Down arrow button is pressed, the Peak Volt value is displayed, and while displaying the Volt page, the Peak LED will blink during operation.

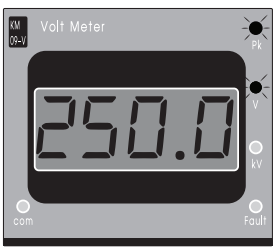
KM-09-V has an Alarm Fault function, in which the alarm conditions can be configured with 4 functions, depending on the ordering specifications.

Volt Display (Key ⩓)



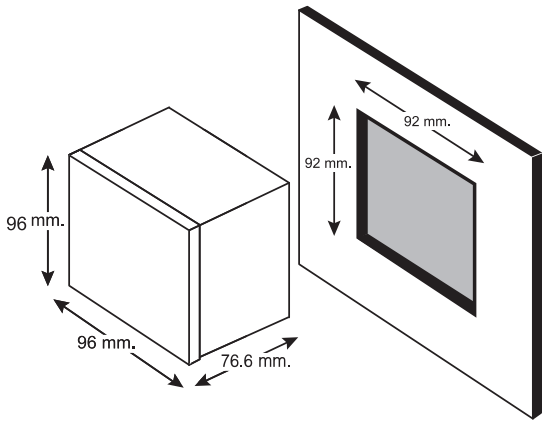
Shows Volt at the present

Peak Display (Key ⩔)

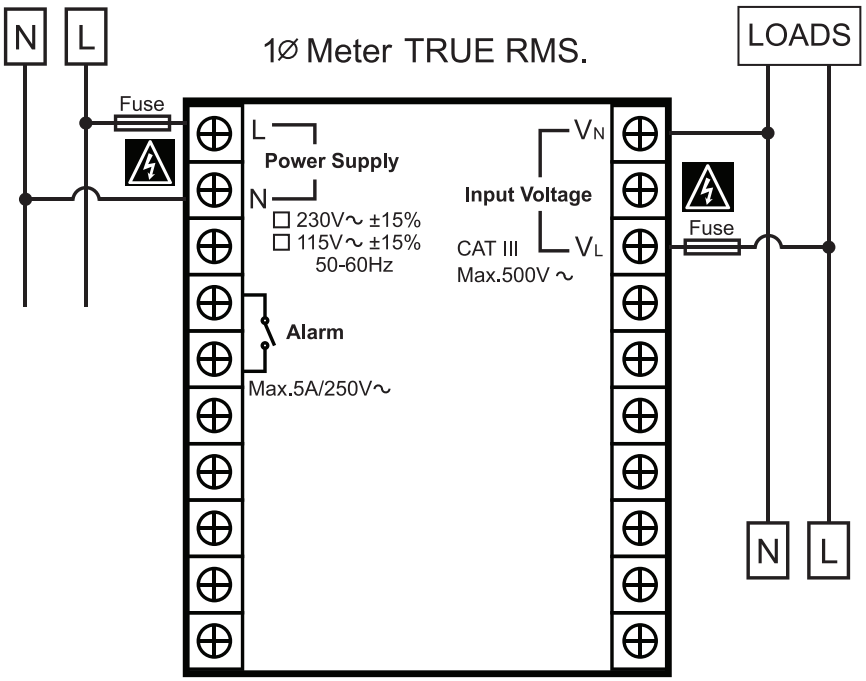


Shows Peak volt

Dimension



Wiring Code

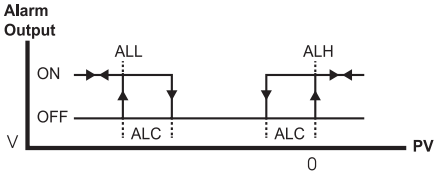


WARNING

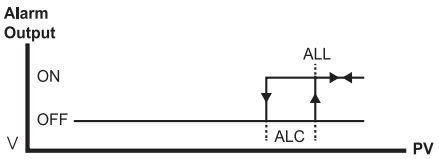
- Make sure the correct wiring connection before turning on electricity. Mis-wiring may cause malfunction of the unit and fire.
- Never modify the unit to prevent damage or incident such as malfunction and fire etc.

ALARM FUNCTION

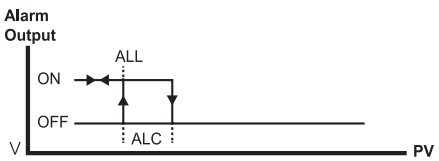
1. Absolute value High Low Band Alarm



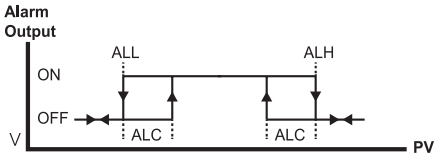
2. Absolute value High Alarm



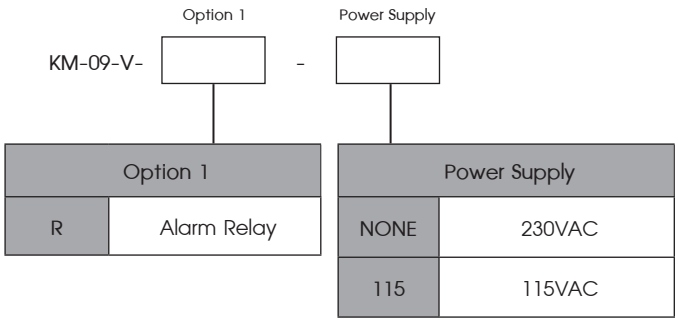
3. Absolute value Low Alarm



4. Absolute value High Low Range Alarm



Ordering Code



Option 1	
R	Alarm Relay

Power Supply	
NONE	230VAC
115	115VAC

Example: KM-09-V-R means a voltage meter for measuring electrical voltage, equipped with an Alarm Fault function, and powered by a 230 VAC supply.