

รอกเบิ้ลสินค้าถ่ายรูปใหม่

Specification

Power Supply		230VAC $\pm 15\%$ 50-60Hz
		115VAC $\pm 15\%$ 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 Voltage	40000V
	Secondary Voltage	20-300V
	Current	Connection 1 CT, Direct
	Current (Direct)	0.02-10A
	Ib (Base Current)	5A
	Current Transformer Ratio	1-2000
	Primary Current	9999A
	Secondary Current	0.2-5A
	Accuracy Watt	$\pm 1.0\%$ FS
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

Description

- 1 Phase Watt-MD Meter True RMS : KM-09-W is a meter for measuring electrical power (Watt) and Maximum Demand (MD) for a single-phase power system.
- Can be connected with a Current Transformer (CT) up to 10,000/5A and PT Ratio 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 Watt value in the system.
- LED indicators show operating status and electrical units.
- Display uses a 4-digit 7-Segment, 0.56-inch, single row.

Operation

KM-09-W has 2 display pages: one page shows the present power (Watt) value measured in real time, and the other page shows the Peak Demand Watt value. The Peak Demand Watt is calculated as an average over a 15-minute period. Pressing the Up arrow key displays the present power value, while pressing the Down arrow key displays the Peak Demand Watt value. When the Peak Demand Watt page is displayed, the Peak LED will blink to indicate Peak mode.

KM-09-W is equipped with an Alarm Fault function. The alarm conditions can be configured with 4 selectable alarm functions, depending on the ordering specifications.

kW display (Key $\uparrow$)



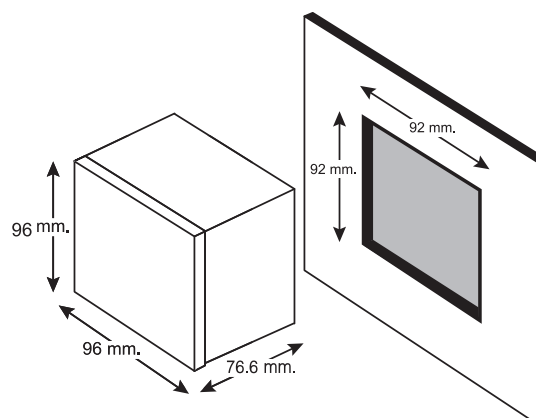
Shows kW at the present

Peak kW Display (Key $\downarrow$)

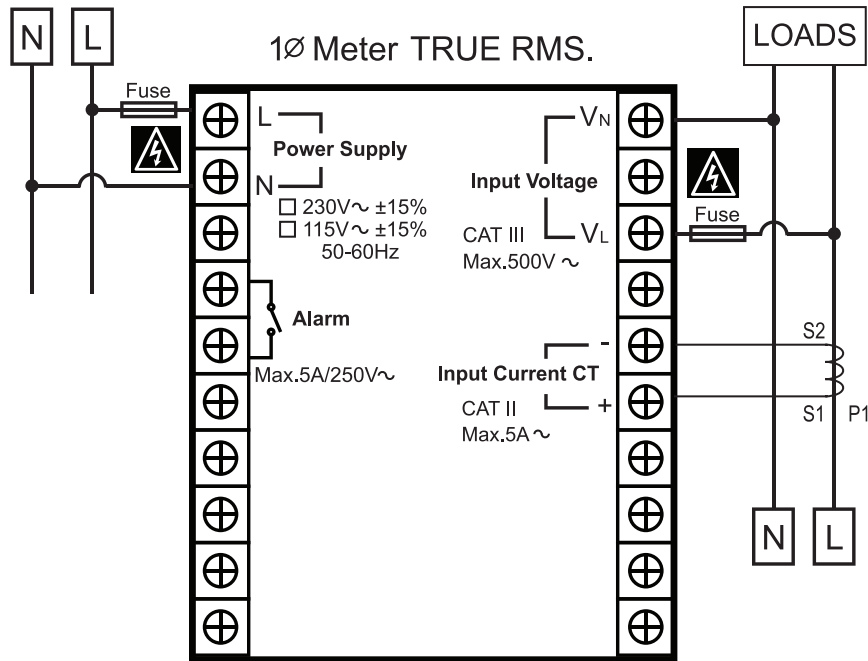


Shows Peak kW

Dimension



Ordering Code

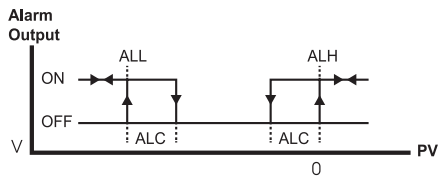


WARNING

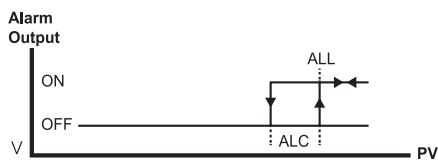
- Make sure the correct wiring connection before turning on electricity. Mis-wiring may cause malfunction of the unit and fire.
- Never modify the unit to prevent damage or incident such as malfunction and fire etc.

ALARM FUNCTION

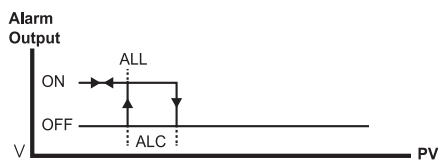
1. Absolute value High Low Band Alarm



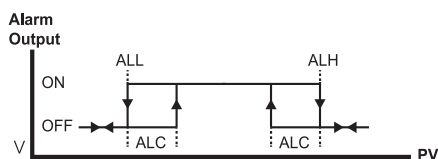
2. Absolute value High Alarm



3. Absolute value Low Alarm



4. Absolute value High Low Range Alarm



Ordering Code

Option 1		Power Supply	
KM-09-W-			
Option 1		Power Supply	
R	Alarm Relay	NONE	230VAC
		115	115VAC

Example: KM-09-W-R means a meter for measuring Watt and Max Demand (MD), with Alarm Fault, and 230 VAC power supply.