DIGITAL MICROPROCESSOR MULTIFUNCTION TRMS POWER METER SERIES 8100

ONLY INST. IN INDIA WITH 12 DISPLAY



✶ **DIGITAL MICROPROCESSOR MULTIFUNCTION TRMS POWER METER Model - KM 8100A**

✶ **DIGITAL MICROPROCESSOR MULTIFUNCTION TRMS POWER METER + HARMONICS ANALYSER Model - KM 8100C**

MODEL : 8100A —□ —□ —□ —□ —□

8100C —□ —□ —□ —□ —□ Harmonics

INPUT (V)		INPUT/CURRENT		OUTPUT		SETTING FUNCTION		AUX. POWER	
A	55 ~ 440V (L-L)	A	1A	F	Rs485 modbus	A	4 Alarm Setting	C	DC 24V
				O	4 sets of 4~20mA			F	AC/DC 85~265V
				M	4 sets of 4~20mA+RS485				
C	55 ~ 600V (L-L)	B	5A						
				N	NONE				
						N	NONE		
Y	SPECIAL	Y	SPECIAL	Y	SPECIAL	Y	SPECIAL	Y	SPECIAL

✶ **Display :** Displays 12 parameters simultaneously : 3 V, 3 A, W, Var, Whr, VarH, PF, Hz (Total 32 parameters) **(KM 8100A).**

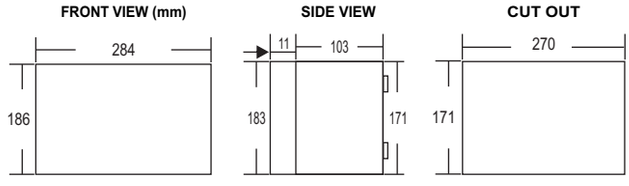
Displays 12 parameters simultaneously : 3 V, 3 A, W, Var, WH, VarH, PF, Hz, Harmonics Analyses Voltage & Current Harmonics upto 31st Harmonics. Displays Voltage & Current Harmonics upto 15th Harmonics (Total 32 parameters) **(KM 8100C)**.

✶ **Display Range :** V,A,W,Var,PF,Hz, 0.56" Super RED LED; 4 Digits = 0 ~ 9999 Counts. PT, CT User Selectable. WH,VarH, 0.36" Super RED LED, 7Dgts= 0~9999999Counts.

✶ **FUNCTIONS :**

- **Input Voltage Range :** Voltage : (A) 55 ~ 440V(L-L) AC, or (C) 55 ~ 600 V AC. 45 ~ 65 Hz. P.T. Ratio programmable upto 9999 / KV. Over Voltage 200% Continuous.
- **Input Current Range :** Current : (A) 0-1A or (B) 0-5A, C.T. Ratio Programmable upto 9999 / 5 A.
- **Accuracy :** V, A, W, = ± 0.2 % Fs + 2 Counts at 23°C ± 3°C. Var, WH, VarH, PF = ± 0.4 % RDG + 2 Counts. Hz = ± 0.05 % Fs + 1 Count at 23° C ± 3°C.
- **Input Frequency :** 45Hz ~ 70Hz.
- **Suitable for :** 1 φ 2 W; 1 φ 3 W; 3 φ 3 W; 3 φ 4 W Systems.
- **Dielectric Strength:** AC 2.8KV / Min, Input / Power / Case, DIN IEC 688.
- **Impulse:** 6KV 1.2 x 50 µS, ANSI C37.90a / 1983. DIN IEC 1000 4-5, 4-4.
- **Stability :** ≤ 0.2 % / Year
- **Power Supply :** AC 85~265V

- **Dimension :** 280 x 183mm



Model - KM 8100A (Basic Meter)

✶ **ADDITIONAL FUNCTIONS :**

- Applicable Standard : DIN IEC 688
- Memory Capacity 10 Yrs. Power Off Memory for set Data.
- With RS - 485 Modbus Output.
- User friendly programming.
- Software for Load Analysis (optional)
- Output Protection Without Damage for Output Open or Short Circuit.
- With RS - 485 Modbus Output.
- Mounting: Panel Flush Mounting.
- **Dimension :** 280 x 183mm

Model - KM 8100C (Harmonics Analysis Function)

✶ **ADDITIONAL FUNCTIONS :**

- Applicable Standard : DIN IEC 688
- 10 Years Power Off Memory for set Data.
- With RS - 485 Modbus Output.
- User friendly programming.
- Software for Load & Harmonics Analysis (optional)
- Harmonics : Analyses Voltage & Current Harmonics upto 31st Harmonics. Displays Voltage & Current Harmonics upto 15th Harmonics.
- Mounting: Panel Flush Mounting.
- **Dimension :** 280 x 183mm