

DIGITAL V-A-F METER TYPE DM 1080



Applications :

- Gensets - True RMS measurement gives correct values in presence of harmonics
- AMF panels - Compact instrument for multi-parameters and true RMS measurement for the Genset
- Power Control Panels (PCCs) - Compact instrument for multi-parameters
- Power Distribution Boards (PDBs) - Most suitable for feeders for DC drives and VFDs
- Power Factor Control Panels - Compact multi parameter measurement
- Test Benches & Laboratories - for quick checking of instruments

Measurement:

- Voltage** : 0- 300V Line to Neutral of all Three Phases and Phase to Phase of all Three Phases
- Burden** : 0.2 VA approx
- Current** : 0 - 5 Amps in all three phases scaled according to the CT rating selected on DIP switch at rear.
- Burden** : 0.2 VA approx
- Permissible overload** : 20%
- Frequency** : 45.00 to 65.00 Hz
- Accuracy** : +/- 0.5% +/- 1 digit of full scale for voltage and current.
+/- 0.05 Digits for Frequency meter
- Aux supply** : 180V to 260V
- Burden** : 3 VA approx

Features :

- ⇒ True RMS four Digit measurement of Voltage and Current
- ⇒ Four Digit Frequency measurement
- ⇒ Scalable CT selection by DIP Switch (from 30/5A to 1500/5A)
- ⇒ Flicker free bright 14.2 mm LED display
- ⇒ Auto scroll facility
- ⇒ 96 mm X 96 mm DIN X 85 mm Depth, Flush mounting case
- ⇒ Field proven reliability
- ⇒ Micro Control design

DIGITAL KVA-KW-PF METER TYPE DM 2070

Measurement:

- Voltage** : 0- 300V Line to Neutral of all Three Phases and Phase to Phase of all Three Phases
- Voltage** : 0- 300V Line to Neutral of all Three Phases.
- Burden** : 0.2 VA approx
- Current** : 0 - 5 Amps in all three phases scaled according to the CT rating selected on DIP switch at rear.
- Burden** : 0.2 VA approx
- Permissible overload**: 20%
- Frequency** : 45.00 to 65.00 Hz

Measured values:

- KVA** : for all popular CT ratio from 30/5 to 1500/5 by true multiplication of true RMS Voltage and Current measurement.
- KW** : for all popular CT ratio from 30/5 to 1500/5 by true four quadrant multiplication of Voltage and Current measurement.
- Power Factor** : Unit measures Power Factor by ratio of KW and KVA, and not merely cos phi. This gives true measurement in presence of harmonics.
- Accuracy** : +/- 0.5% +/- 1 digit of full scale for voltage and current.
- Aux supply** : 180V to 260V
- Burden** : 3 VA approx

Features :

- ⇒ Four Digit Power Factor measurement.
- ⇒ Scalable CT selection by DIP Switch (from 30/5A to 1500/5A)
- ⇒ True RMS four digit measurement of KVA, KW and Power Factor for sine wave as well as distorted waveforms
- ⇒ Flicker free bright 14.2 mm LED display
- ⇒ Auto scroll facility
- ⇒ 96 mm X 96 mm DIN X 85 mm Depth, Flush mounting case
- ⇒ Field proven reliability.
- ⇒ Suitable for Electrical Control Panel, Power Plant, Test Benches, Lab Equipments and Genset.

