

DIGITAL METERS WITH LED DISPLAY

Digital meters with LED display enable fast and accurate survey of electric quantities and are convenient for industrial use as well as for the production and distribution of electric energy. They are panel mounted and enable measurement of TRMS values of electric quantities.



Features:

- True RMS measurements
- LED Displays with 4 or 3 digits
- Measurement ranges from 0...500 V and 0...9999 A
- CT ratio adjustment for A-meters ... /5 A
- CT ratio from 1 ... 2000
- Measurement range for Frequency meters 20 ... 500 Hz.
- Accuracy $\pm 1\%$ ($\pm 0.2\%$ for Frequency meters)
- Power supply 230 V AC $\pm 20\%$, 50/60 Hz
- Power consumption < 3 VA
- Ambient temperature: $-5\text{ }^{\circ}\text{C}$... $+55\text{ }^{\circ}\text{C}$

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Type	DM 206 Voltmeter	DM 208 Ammeter	DM 306 Voltmeter	DM 308 Ammeter	DM 310 Multimeter	DM 202 Frequency meter	DM 302 Frequency meter
Front frame (mm)	72 x 72	72 x 72	96 x 96	96 x 96	96 x 96	72 x 72	96 x 96
Display	3-digit	4-digit	3-digit	4-digit	Ammeter: 3 x 4-digit Voltmeter: 3-digit Frequency meter: 3-digit	3-digit	3-digit
Accuracy	$\pm 1\% + 2d$	$\pm 1\% + 2d$	$\pm 1\% + 2d$	$\pm 1\% + 2d$	Ammeter: $\pm 1\% + 2d$ Voltmeter: $\pm 1\% + 2d$ Frequency meter: $\pm 0,2\% + 2d$	$\pm 0,2\% + 2d$	$\pm 0,2\% + 2d$
Measuring range	0...500 V	0...9999 A	0...500 V	0...9999 A	Ammeter: 0...9999 A Voltmeter L1, L2, L3: 0...500 V Frequency meter: 30...70 Hz	20...500 Hz (30...500 V AC)	20...500 Hz (30...500 V AC)
Power Supply	230 V AC $\pm 20\%$, 50/60 Hz						
CT ratio*	-	1...2000	-	1...2000	1...2000	-	-
Power consumption	< 3 VA	< 3 VA	< 3 VA	< 3 VA	≤ 3 W	≤ 3 W	≤ 3 W
Ambient temperature	- 5 °C ... + 55 °C						
Weight (kg)	0,23	0,23	0,28	0,28	0,29	0,26	0,30

*CT ratio: 1, 2, 3, 4, 5, 6, 8, 10, 12, 15, 20, 25, 30, 40, 50, 60, 80, 100, 120, 150, 160, 200, 250, 300, 320, 360, 400, 500, 600, 700, 800, 900, 100, 1200, 1400, 1600, 1800, 2000.