

Power wattmeters

FEATURES

- Indicates active power of electrical systems
- Several voltage ranges available



APPLICATIONS

- AC switchgears, panels and distribution boards
- Control boards
- Generator sets

CONSTRUCTION

- Polycarbonate, flame retardant & drip proof case as per UL 94 V-0
- Front facia - Antiglare glass
- Panel fixing - mounting clamp

APPROVALS

- CE marked
- UKCA

BENEFITS

- Easy to operate
- High visibility
- Terminal cover included
- Low self consumption
- Internal power supply from voltage input

PRODUCT CODES

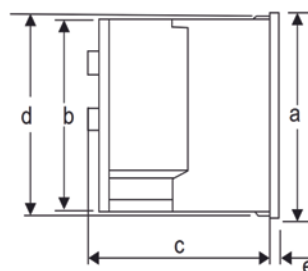
Bezel size (mm)	DIN 96	DIN 96	DIN 96	DIN 96	DIN 96
Scale length (mm)	97	97	97	97	97
Wattmeter 90°	E244-210 single-phase	E244-211 3P/3W balanced	E244-21C 3P/4W balanced	E244-213 3P/3W unbalanced	E244-214 3P/4W unbalanced
Bezel size (mm)	DIN 96	DIN 96	DIN 96	DIN 96	DIN 96
Scale length (mm)	142	142	142	142	142
Wattmeter 240°	E244-215 single-phase	E244-216 3P/3W balanced	E244-21D 3P/4W balanced	E244-218 3P/3W unbalanced	E244-219 3P/4W unbalanced

GENERAL SPECIFICATION

Wattmeter	90°	240°
Accuracy class	1.5 IEC 51/ DIN EN 60051	
Maximum continuous overload	1.2 times rated voltage	
Maximum short duration overload	2 times rated voltage, 5 Sec max, 10 times rated current, 5 Sec max	2 times for 5 sec : 1 overload 2 times for 0.5 sec : 9 overloads
Measured quantity	Active / Reactive Power	
Encloses codes	IP52 - case IPO0- terminals	
Insulation class	Group A according to VDE 0110	
Rated insulation voltage	660 V	
Proof voltage testing	2 kV	
Installation category	300 VCAT III	
Insulation resistance	> 50 Mohm at 500 V d.c	
Ambient temperature	10 - 37°C	0- 50°C
Position of use	Nominal position +50	Nominal position + 5°
Voltage	Rated voltage +15%	
External magnetic field	At 0.4 kA/m than 6% of fiducial value (not as a percentage class index)	At 0.4 kA/m

DIMENSIONS

	90°	240°
Front dims mm	96 x 96	96 x 96
Bezel (a) mm	96	96
Case (b) mm	90	90
Depth (c) mm	106	106
Depth (d) mm	91.5	91.5
Depth (e) mm	5.5	5.5
Cutout size mm	92 ^{+0.8}	92 ^{+0.8}
Weight Kg	0.65-0.75	0.73-0.85



CONNECTION DIAGRAMS

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