

Long scale frequency meters

FEATURES

- Measures AC frequencies
- Pointer type available as 240° long scale version
- Direct or VT connected

APPROVALS

- CE marked
- UKCA

BENEFITS

- Easy to operate
- High visibility
- Terminal cover included



APPLICATIONS

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

CONSTRUCTION

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

PRODUCT CODES

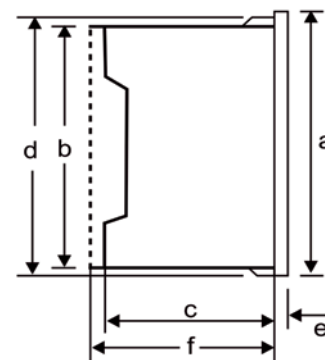
Bezel size (mm)	DIN 96	DIN 144
Scale length (mm)	142	230
Frequency meter 240°	E244-41L	E246-41L

GENERAL SPECIFICATION

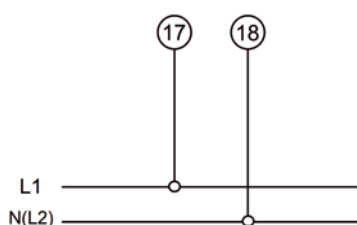
Accuracy class	0.5 IEC 51/ DIN EN 60051
Maximum continuous overload	1.2 times rated voltage
Maximum short duration overload	2 times rated voltage, 5 Sec:1 overload 2 times rated voltage, 0.5 Sec:9 overload
Measured quantity	Frequency
Enclosures codes	IP52 - case IPO0- terminals
Insulation class	Group 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	0 - 50°
Position of use	Nominal position ±5
Voltage	Rated voltage ±15%
External magnetic field	At 0.4 kA/m

DIMENSIONS

Front dimensions mm	96 x 96	144 x 144
Bezel (a) mm	96	144
Case (b) mm	90	136
Depth (c) mm	53	53
Depth (d) mm	91.5	137.5
Depth (e) mm	5.5	5.5
Depth with back cover (f) mm	64	64
Cutout size mm	92 ^{+0.8}	138 ^{+0.1}
Weight Kg	0.45	0.60



CONNECTION DIAGRAM



Note:

Data Sheets only show the generic specification of a product.

Due to the high number of variations, i.e. different scaling layouts, special markings, colors, etc. it is not feasible to state all optional features. Please refer to the quotation received or consult our sales team if any questions arise.