

2EQ

Double voltmeter

Data sheet

4921240653A



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Tomorrow



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1. About the meters

1.1 Application

The 2EQ meter is a high-accuracy voltmeter with an immunity to 3rd harmonics. The meter is designed to be front mounted and have a robust and thoroughly tested construction.

The double voltmeter consists of two mutually independent moving iron systems with a joint scale. The point of rotation for each pointer is in the lower right corner of the meter.

The 2EQ is 96 x 96 mm (DIN size) and the available type is 2EQ96 (joint scale).

2. Technical specifications

2.1 Electrical specifications

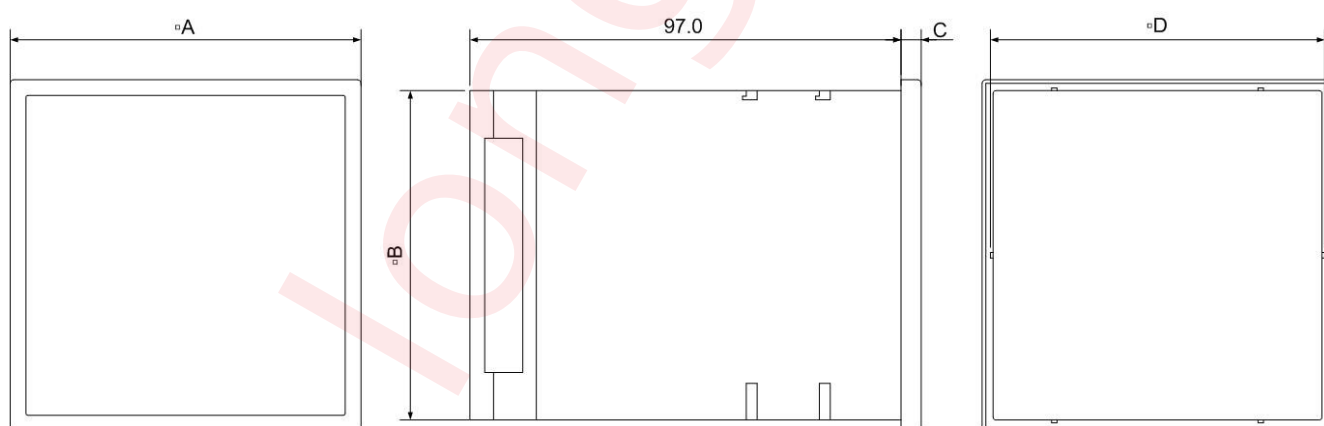
Specifications	
Accuracy	Class 1.5 at nominal temperature To IEC/EN 60051-1
Scale/measurement range	0 to 150 V 0 to 250 V 0 to 500 V 0 to 600 V
Measuring voltage/frequency	15 to 100 Hz
Consumption	Up to 5 VA

NOTE The 2EQ meter is category III 300 V.

2.2 Environmental specifications

Specifications	
Nominal temperature	-10 to +55 °C
Operating temperature	-25 to +60 °C
Storage temperature	-25 to +65 °C
Shock	15 g, 6 times, 3 directions
EMC	To IEC/EN 61000-6-2/3 CE-marked for residential, commercial and light industry plus industrial environment.
Protection	IP52 To IEC/EN 60529

2.3 Dimensions



NOTE The connecting screw is under the cover.

Dimensions

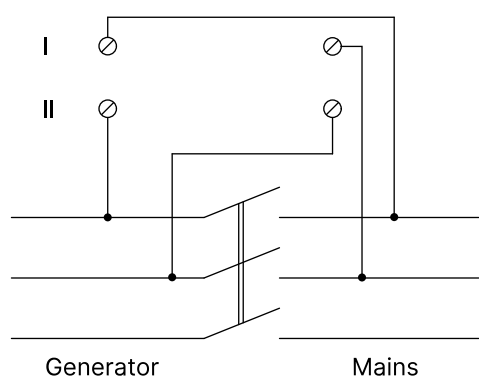
Dimensions				
A [mm]	B [mm]	C [mm]	D [mm]	Depth behind panel [mm]
96 x 96	91 x 91	5.5	92 x 92 + 0.8	97.0

Weight

Weight

400 g

2.4 Connections



3. Ordering

3.1 Available variants

Item no.	Variant no.	Description
2918560020	01	Standard measuring input and standard scale.
2918560020	02	For voltage transformer or non-standard measuring input incl. customised scale.

3.2 Order specifications

Variants

Mandatory information						Additional options	
Item no.	Type	Variant no.	Scale/measuring range	Measuring voltage	VT primary/secondary	Option	Option

Example

Mandatory information						Additional options	
Item no.	Type	Variant no.	Scale/measuring range	Measuring voltage	VT primary/secondary	Option	Option
2918560020-02	2EQ96	02	2 x 0 to 15 kV	(Determined by DEIF)	12 kV/ 100 V AC	Red line 0.44 kV	Anti-glare glass

NOTE When ordering a 2EQ meter for connection using a voltage transformer (VT), both primary and secondary of the VT must be stated as shown above.

4. Legal information

Disclaimer

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5. End-of-life

Disposal of waste electrical and electronic equipment

WEEE symbol



All products that are marked with the crossed-out wheeled bin (the WEEE symbol) are electrical and electronic equipment (EEE). EEE contains materials, components and substances that can be dangerous and harmful to people's health and to the environment. Waste electrical and electronic equipment (WEEE) must therefore be disposed of properly. In Europe, the disposal of WEEE is governed by the WEEE directive issued by the European Parliament. DEIF complies with this directive.

You must not dispose of WEEE as unsorted municipal waste. Instead, WEEE must be collected separately, to minimise the load on the environment, and to improve the opportunities to recycle, reuse and/or recover the WEEE. In Europe, local governments are responsible for facilities to receive WEEE. If you need more information on how to dispose of DEIF WEEE, please contact DEIF.