

BEQ72 and BEQ96

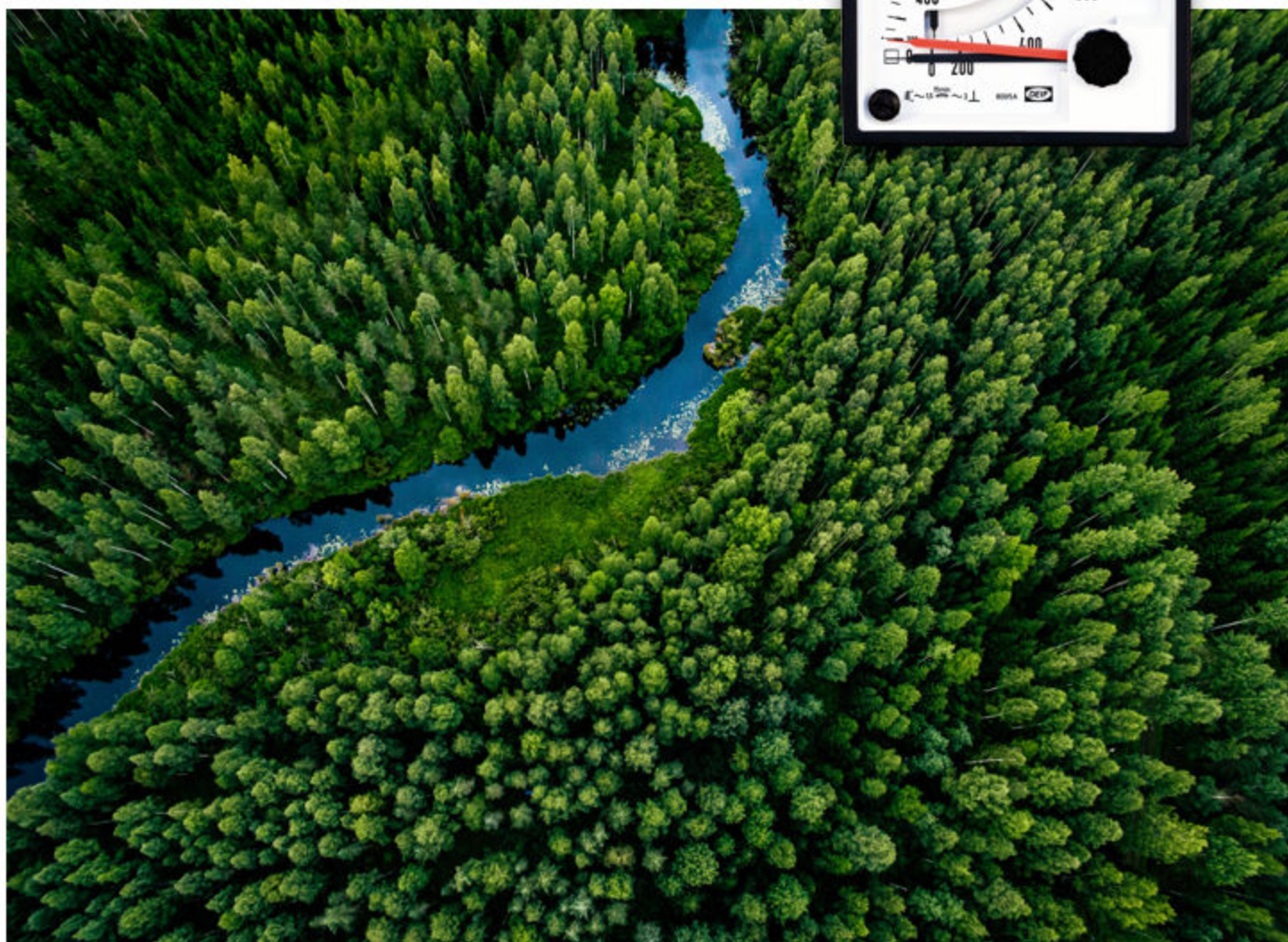
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Combined ammeters

Data sheet



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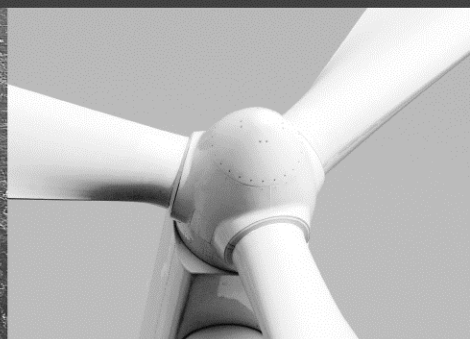




-power in control



DATA SHEET



Combined ammeters, Type BEQ

- Maximum and instantaneous readings
- DIN standard sizes: Q72 and Q96
- Exchangeable scale
- 8 min. or 15 min.
- For -/1 A or -/5 A current transformer



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Application and construction

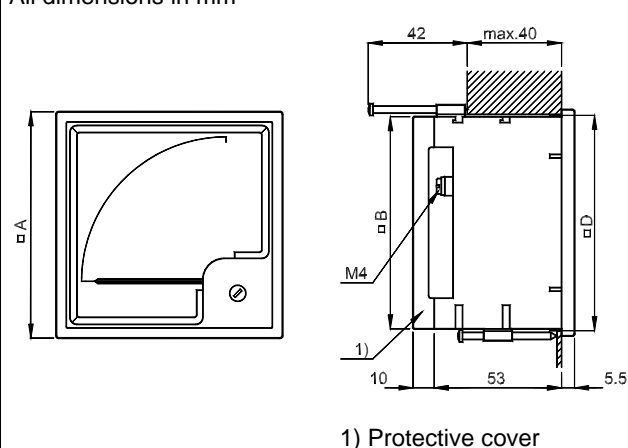
The instrument type BEQ is specifically suited for indication of thermal loads in conjunction with cables, transformers, etc. The instrument is equipped with a bimetallic system and a moving iron system, used for maximum reading and instantaneous reading respectively. Due to the thermal characteristic of the bimetallic system this is not affected by brief current fluctuations. The bimetallic system is provided with a red maximum-reading pointer. This pointer can be reset by means of a knob on the front of the instrument.

Technical specifications

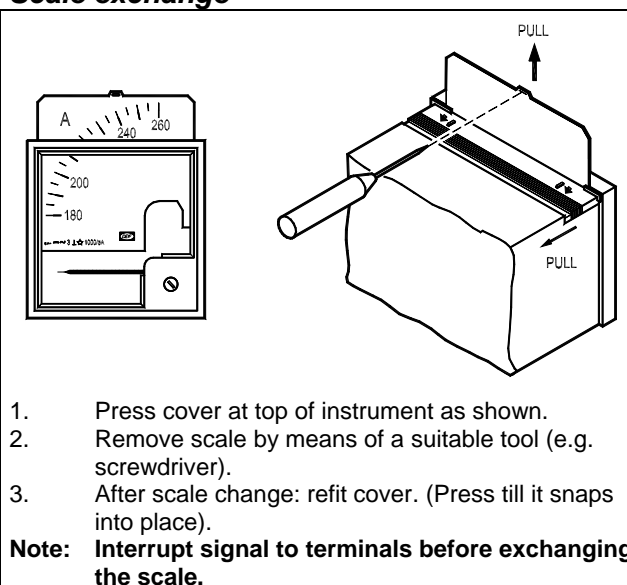
Accuracy:	Bimetallic system: class 3.0, moving iron system: class 1.5. (-10...15...30...55°C) to EN 60051 and IEC 51
Scale:	Exchangeable scale, with separate divisions for the moving iron and bimetallic systems. For both systems the scale range corresponds to 0...120% of the rated primary current of the current transformer End values: 6-12-18-24-30-36-48-60-72-90-96 and multiples of 10 thereof
Setting time:	Bimetallic system: 8 or 15 min.
Measuring range:	0..120% of I_N I_N : 1 A AC or 5 A AC, 16...65 Hz, for connection to C.T., -/1 A or -/5 A
Overload:	Ammeters are designed according to EN60051-2 (Item 6.4.1 and 6.4.2) Continuous overload: $I_N \times 1.2$ Short duration overload: $I_N \times 5$ for 5 sec. $I_N \times 10$ for 0.5 sec. Valid for -/1 A, -/5 A and direct connections. (both for moving iron and bimetallic)
Consumption:	BEQ72-x: 1 A: approx. 1.5 VA, 5 A: approx. 2.5 VA BEQ96-x: 1 A: approx. 1.8 VA, 5 A: approx. 2.8 VA
Ambient temperature:	-10...55°C (nominal), -25...60°C (operating), -25...65°C (storage)
EMC:	To EN 50081-1/2 and EN 50082-1/2 CE-marked for residential, commercial and light industry plus industrial environment
Materials:	Self-extinguishing plastic, to UL94 (V0)
Protection:	IP52, to IEC 529 and EN 60529

Dimensional details

All dimensions in mm



Scale exchange



BEQ

Type	A	B	C	D
BEQ72-x	72 x 72	66.5 x 66.5	68 x 68 +0.7	Approx. 0.150 kg
BEQ96-x	96 x 96	90 x 90	92 x 92 +0.8	Approx. 0.230 kg

Available variants

Item no.	Variant no.	Variant description
2961260720	01	BEQ72-x For CT /1 A or /5 A, 8 or 15 min. with standard scale
2961260920	01	BEQ96-x For CT /1 A or /5 A, 8 or 15 min. with standard scale

Order specifications

Variants:

Mandatory information						Additional options to the standard variant
Item no.	Type	Variant no.	Setting time	Scale	Current transformer (CT)	Option

Example:

Mandatory information						Additional options to the standard variant
Item no.	Type	Variant no.	Setting time	Scale	Current transformer (CT)	Option
2961260720-01	BEQ72-x	01	8 min.	0...600 A	500/1 A	Red line at 480 A



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Due to our continuous development we reserve the right to supply equipment which may vary from the described.

