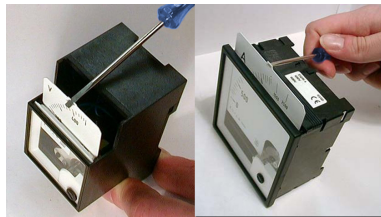


DQLe (KDQLe) - Power Factor Meter



Leistungsfaktormesser-DQLe-
KDQLe.jpg



Austausch der Skala - Dial Exchange

Features

- Display of the power factor $\cos \varphi$
- Linear or non linear scale available
- Low consumption
- Wide frequency range of operation
- Stromanschluss über Durchführungswandler
- Exchangeable scale
- Protective cover for terminals (optional)

Application

The instrument operates on fast sampling method of input quantities (current and voltage) on all three phases. From the input data microprocessor calculates the power factor. It can be chosen between direct measuring of the power factor (linear $\cos \varphi$ -scale) and measuring of the phase angle (non linear $\cos \varphi$ scale).

Technical Data

Accuracy: 2.5 according to EN 60 051

Input

Nominal voltage U_n : 57, 100¹⁾, 110¹⁾, 230, 400, 500 V

Nominal current I_n : 1 A or 5 A

Frequency range: 45 ... 65 Hz

Standard range: cap 0,5 ... 1 ... 0,5 ind
different ranges at request

Housing: Polycarbonat
non-flammable, according to UL 94 V-0

Protection: class: Case IP 52
terminal contacts IP 00 (IP 20 for connection terminals)
according to EN 60529:1989

Operating position: vertical $\pm 5^\circ$

¹⁾ also available for voltage transformer x/100/110V

Ordering Data

For ordering it is necessary to specify:

- Type of instrument
- Type of system
- Rated current or current ratio
- Rated voltage or voltage ratio
- End scale value acc. to technical data
- Auxiliary power supply.



Ordering example:

- DQLe 96 0.5cap. ...1...0.5ind., 500/5A, 230V
- KDQLe 96 0.5cap. ...1...0.5ind., 200/5A, 10kV/110V

Downloads

[en-List-7-Analogue-Panel-Meters.pdf](#)