CONDIS®

Product Sheet

Grid Measurement



Resistive Capacitive Divider (RC Divider)

With integration of inverter-based resources on the grid, the demand for voltage quality monitoring is increasing to maintain a functioning power system. Drawing on its vast experience in voltage divider design and manufacturing, CONDIS' RC divider offers a proven and future proof solution for high bandwidth voltage measurement on HV networks.

Key advantages

- High precision and large bandwidth measurement at HV and EHV
- Frequency bandwidth from 0kHz to 20kHz
- Available for AC and DC networks

Product features

These are sample values. Values out of these ranges are available upon request

Electrical specifications

Rated voltage, kV	145 to 800*
Rated frequency, Hz	0 to 20 000

Output specifications

Secondary burden	2 Mohm//25pF*

Accuracy class

Accuracy at rated frequency	0.1P, 0.2P, 0.5P – WB2

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Environmental

Range of temperatures, °C	-50 °C to +40 °C
Cable type and length	Triaxial, 100 m*

* other values upon request

** depending on voltage levels and connecting cable length

CONDIS' RC Dividers can be fitted to accept several power quality meters, energy meters and protection devices, among others, and meet specific customer needs :

- Revenue Billing
- Protection
- Precision meausurement in HV laboratories
- Power quality metering

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