

# 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

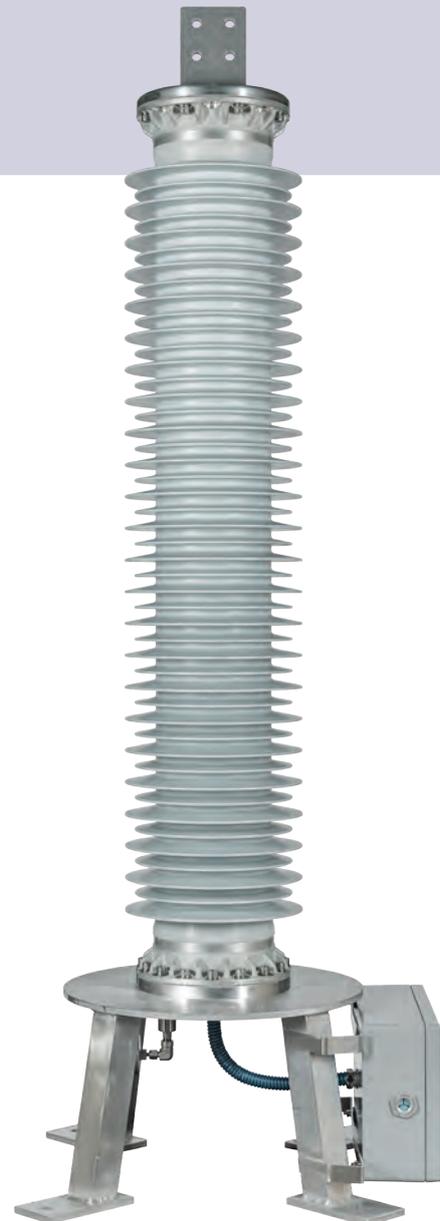
Rated voltage, kV	145 to 800*
Rated frequency, Hz	0 to 20 000

### Output specifications

Secondary burden	2 Mohm//25pF*
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### Accuracy class

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

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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  
measurement in  
HV laboratoriesPower quality  
metering

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