

RC • CR • RCR • R Products

ANSWERING THE INCREASING DEMAND FOR HVDC GRID, CONDIS' PROFICIENT ENGINEERING TEAM DESIGNS CAPACITORS FOR DIFFERENT APPLICATIONS. OUR PRODUCTS COMBINE PARALLEL AND SERIES RESISTORS TOGETHER WITH THE CAPACITIVE PART IN THE SAME HOUSING, OPTIMIZING SPACE AND COSTS.



KEY ADVANTAGES

- ✓ Swiss Made
- ✓ Synthetic oil-based capacitor technologies
- ✓ Long maintenance-free lifetime
- ✓ Integration of series and parallel resistors and insulated output within the capacitor

PRODUCT FEATURES

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

Electrical specifications

| | |
|--|----------------------------------|
| Rated Voltage, kV | from 10 to 1,100 |
| Rated Capacitance, pF | from 1,000 to 200,000 |
| Rated parallel resistances, Mohm | from 100 to 10,000 |
| Rated series resistances, Ohm | from 20 to 300 |
| Frequency, Hz | DC, 50/60 and higher frequencies |
| Partial Discharge, pC | less than 5 |
| Rated lightning impulse withstand voltage, kV | up to 3,200 |
| Rated switching impulse withstand voltage, kV | up to 2,200 |
| Short-duration power frequency withstand voltage, kV | up to 1,320 |

Mechanical specifications

| | |
|--------------------------|-----------|
| Cantilever strength, kNm | up to 400 |
|--------------------------|-----------|

CONDIS[®]

Environmental

Temperature

from -60°C to 90°C

Environment

indoor and outdoor designs

Standards

specific to customers

CONDIS' proven RC, CR, RCR and R products are best suited to sustain the trend for HVDC transmission, in relation with following equipment:



DC bypass



DC circuit
breaker



Grading
resistors



DC laboratory
applications

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