

Grading Capacitors

CONDIS IS THE WORLD LEADING MANUFACTURER OF GRADING CAPACITORS. THESE PRODUCTS ARE INSTALLED PARALLEL TO THE CIRCUIT BREAKER CHAMBERS TO CONTROL THE VOLTAGE DISTRIBUTION. SUCH TAILOR-MADE CAPACITORS HAVE BEEN VALIDATED OR ARE IN THE PROCESS OF BEING VALIDATED BY LEADING CB MANUFACTURERS.



KEY ADVANTAGES

- ✓ Swiss Made
- ✓ Long maintenance-free lifetime
- ✓ More than 250,000 capacitors delivered over the last 20 years
- ✓ High transient performance with compact and efficient design

PRODUCT FEATURES

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

Electrical specifications

Rated Voltage of the circuit breaker, kV	up to 1,100
Rated Voltage, kV	up to 380
Rated Capacitance, pF	from 150 to 2,500
Frequency, Hz	50/60
Partial Discharge, pC	less than 1.5
Rated lightning impulse withstand voltage, kV	up to 2,200
Rated switching impulse withstand voltage, kV	up to 1,800
Short-duration power frequency withstand voltage, kV	up to 1,100

Mechanical specifications

Cantilever strength, kNm	up to 30
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CONDIS®

Environmental

Temperature from -60°C to 90°C

Environment Air and gas

Standards

IEC 62146-1

GBT 4787

CONDIS' Grading capacitors can be found worldwide in most of the installed circuit breakers, when system required them:



Live tank
Circuit breaker



Dead tank circuit
breaker



Gas insulated
circuit breaker

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