

PULSE POWER CAPACITORS

CONDIS HAS DEVELOPED CAPACITORS FOR HV PULSE POWER APPLICATIONS. THESE CAPACITORS CAN STORE AND DELIVER A BIG AMOUNT OF ENERGY IN A VERY SHORT TIME (TENS OF DISCHARGES PER SECOND) WITH A LONG-EXPECTED LIFETIME OF MORE THAN 1 BILLION DISCHARGES.



KEY ADVANTAGES

- ✓ Swiss Made
- ✓ Long maintenance-free lifetime, (in the order of several billions of pulses)
- ✓ Very low series resistance and series inductance
- ✓ Different conceptions available

PRODUCT FEATURES

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

Electrical specifications

Rated Voltage, kV	up to 350
Rated Capacitance, pF	up to 5,000
Series resistances at 1 MHz, Ohm	lower than 1 Ohm
Frequency, Hz	DC, 50/60, and high frequencies
Partial Discharge, pC	less than 3.0
Short-duration power frequency withstand voltage, kV	up to 420
Expected sustained pulses	more than 1,000 million

Mechanical specifications

Chock and vibrations, g	up to 15
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CONDIS®

Environmental

Temperature

from -10°C to 90°C

Placement

indoor immersed designs

Standards

specific to customer

CONDIS' Pulse Power Capacitors are best suited for pulse fragmentation applications such as:

- ✓ Mining/drilling
- ✓ Recycling
- ✓ Military
- ✓ Biology
- ✓ Machinery
- ✓ Medicine

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