

Alpivar² capacitors

■ Technical specifications

Discharge resistors

Fitted inside, these discharge the unit in accordance with current standards (discharge time, 3 minutes)

Loss factor

Alpivar² capacitors have a loss factor of less than 0.1×10^{-3}
This value leads to a power consumption of less than 0.3 W per kVAr, including the discharge resistors.

Capacitance

Tolerance on the capacitance value: + 5%
Our manufacturing process, which avoids any inclusion of air in the coils, ensures excellent stability of the capacitance throughout the service life of the Alpivar² capacitor.

Maximum permissible voltage: 1.18 Un

Maximum permissible current:

- Standard type: 1.3 In
- H type: 1.5 In

Insulation class

- Withstand at 50 Hz for 1 min: 6 kV
- 1.2/50 μ s impulse withstand: 25 kV

Standards

- Alpivar² capacitors comply with:
- French standard: NF C 54 108 and 109
 - European standard: EN 60831-1 and 2
 - International standard: IEC 60831-1 and 2
 - Canadian standard: CSA 22-2 No. 190

Temperature class

Alpivar² capacitors are designed for a standard temperature class
-25/+55 °C

- Maximum temperature: 55 °C
- Average over 24 hours: 45 °C
- Annual average: 35 °C

- Peak inrush current : 400 A
- Mean life expectancy : 10 years
- Switching Operations : 10000 per year
- Impregnation : Dry Resin