

Technical Specifications

Solid State Standard Capacitor

Capacitance C_{12}
Uncertainty of the stated C_{12} value
Nominal voltage U_N
Test voltage 1 Min
Dissipation factor
Partial Discharge Level
Temperature coefficient
Stability in time

Type CS-001N-0100

1 nF \pm 5 %
< 0.1%
100 kV
120 kV
< $1 \cdot 10^{-4}$
< 1 pC at nominal voltage
- 250 ppm / K
< 10 ppm / year

reference conditions

temperature
humidity, non condensing
altitude (pressure)

23° C \pm 2° C
45 ... 75%
101.3 kPa

rated range of use

according IEC 359
temperature
humidity, non condensing
altitude (pressure)
Storage temperature

5° C ... 40° C
20 ... 95%
70 ... 106 kPa
- 40 ... 50 °C

Dimensions

Height
Width
Weight

1290 mm
610 mm
approx. 30 kg

