

# Surge arrester

## 2-electrode arrester

Series/Type: M50-C90X

Ordering code: B88069X1590C253

Date: 2015-08-03

Version: 04

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Surge arrester B88069X1590C253

### 2-electrode arrester M50-C90X

#### **Features**

- Very small size
- Very fast response time
- High current rating
- Stable performance over life
- Very low capacitance
- High insulation resistance
- RoHS-compatible

### **Applications**

- Modem
- XDSL-splitter
- Data lines
- Tuner
- Antenna

### **Electrical specifications**

| 90   | V   |
|--|---|
|  |   |
| ±20  | %   |
| 72   | V   |
| 108  | V   |
|  |   |
| < 550  | V   |
| < 500  | V   |
| < 600  | V   |
| < 550  | V   |
|  |   |
| 5  | Α   |
| 10   | Α   |
| 5  | kA  |
| 10   | kA  |
| 0.5  | kA  |
| 100  | Α   |
| > 1  | $G\Omega$   |
| < 1  | pF  |
| ~ 15   | V   |
| < 0.8  | Α   |
| ~ 60   | V   |
| ~ 1  | g   |
| -40 <b>+</b> 90  | °C  |
| 40/090/21  | •   |
| EPCOS 90 YY O 90 - Nominal voltage YY - Year of production O - Non radioactive |   |
| UL 497B (E163070)  | <b>W</b>  |
|  | 72 108  < 550 < 500 < 600 < 550  5 10 5 10 0.5 100 > 1 < 1 ~ 15 < 0.8 ~ 60  ~ 1  —40 +90  40/090/21  EPCOS 90 YY O 90 — Nominal voltage YY — Year of production O — Non radioactive |

<sup>1)</sup> At delivery AQL 0.65 level II, DIN ISO 2859

Terms in accordance with ITU-T Rec. K.12; IEC 61663-2 and IEC 61643-311.

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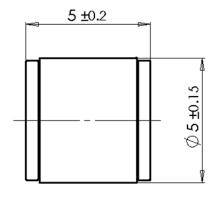
<sup>2)</sup> In ionized mode



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## Dimensional drawing in mm

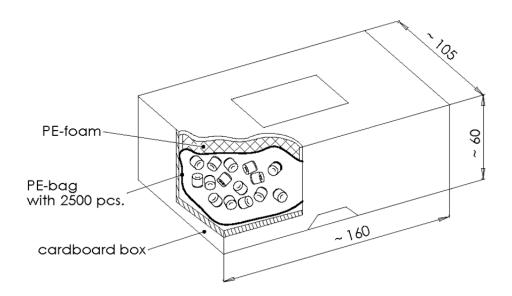




nickel-plated

## Ordering code and packing advice

B88069X1590**C253** = 2500 pcs. in container



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#### **Cautions and warnings**

- Do not operate surge arresters in power supply networks, whose maximum operating voltage exceeds the minimum spark-over voltage of the surge arresters.
- Surge arresters may become hot in the event of longer periods of current stress (burn risk). In the event of overload the connectors may fail or the component may be destroyed.
- Surge arresters must be handled with care and must not be dropped.
- Do not continue to use damaged surge arresters.

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