

## Surge Arrester

## 2-Electrode-Arrester

A70-H10X

Ordering code: B88069X3830C102

| DC spark-over voltage <sup>1) 2)</sup>  | 1000   | V        |
|---|--|----------|
|   | ±15  | %        |
| Impulse spark-over voltage  |  |          |
| at 100 V/µs - for 99 % of measured values<br>- typical values of distribution                         | < 1300<br>< 1200   | V<br>V   |
| at 1 kV/µs - for 99 % of measured values<br>- typical values of distribution                          | < 1400<br>< 1300   | V<br>V   |
| Nominal impulse discharge current (wave 8/20 µs)<br>Single impulse discharge current (wave 8/20 µs)   | 10<br>10   | kA<br>kA |
| Nominal alternating discharge current (50 Hz, 1 s)<br>Alternating discharge current (50 Hz, 9 cycles) | 10<br>65   | A<br>A   |
| Insulation resistance at 100 $V_{dc}$   | > 10   | GΩ       |
| Capacitance at 1 MHz  | < 1  | pF       |
| Arc voltage at 1 A  | ~ 20   | V        |
| Glow to arc transition current  | ~ 1  | A        |
| Glow voltage  | ~ 180  | V        |
| Weight  | ~ 1.5  | g        |
| Operation and storage temperature   | -40 +90  | °C       |
| Climatic category (IEC 60068-1)   | 40/ 90/ 21   |          |
| Marking, black  | EPCOS 1000 YY O1000- Nominal voltageYY- Year of productionO- Non radioactive |          |

 At delivery AQL 0.65 level II, DIN ISO 2859
In ionized mode 1)

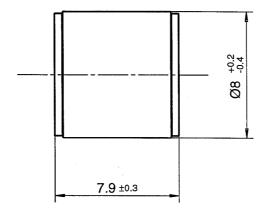
Terms in accordance with ITU-T Rec. K.12 and DIN 57845/VDE0845



## Surge Arrester

2-Electrode-Arrester

A70-H10X Ordering code: B88069X3830C102



Not to scale

Dimensions in mm

Non controlled document

© EPCOS AG 2002. Reproduction, publication and dissemination of this data sheet, enclosures hereto and the information contained therein without EPCOS' prior express consent is prohibited.

Purchase orders are subject to the General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry recommended by the ZVEI (German Electrical and Electronic Manufacturers' Association), unless otherwise agreed.