

Surge Arrester

V13-A500X

2-Electrode-Arrester

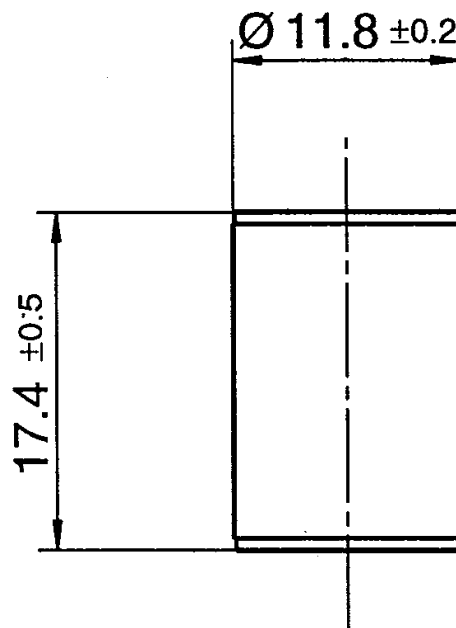
Ordering code: B88069X4390C251

|                                                    |                                                                                                          |        |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------|
| DC spark-over voltage <sup>1) 2)</sup>             | 500<br>± 20                                                                                              | V<br>% |
| Impulse spark-over voltage                         |                                                                                                          |        |
| at 100 V/μs   - for 99 % of measured values        | < 850                                                                                                    | V      |
| - typical values of distribution                   | < 750                                                                                                    | V      |
| at 1 kV/μs    - for 99 % of measured values        | < 1000                                                                                                   | V      |
| - typical values of distribution                   | < 900                                                                                                    | V      |
| Nominal impulse discharge current (wave 8/20 μs)   | 20                                                                                                       | kA     |
| Single impulse discharge current (wave 8/20 μs)    | 30                                                                                                       | kA     |
| Nominal alternating discharge current (50 Hz, 1 s) | 20                                                                                                       | A      |
| Alternating discharge current (50 Hz, 9 cycles)    | 120                                                                                                      | A      |
| Insulation resistance at 100 V <sub>dc</sub>       | > 10                                                                                                     | GΩ     |
| Capacitance at 1 MHz                               | < 1.5                                                                                                    | pF     |
| Arc voltage at 1 A                                 | ~ 35                                                                                                     | V      |
| Glow to arc transition current                     | ~ 1                                                                                                      | A      |
| Glow voltage                                       | ~ 200                                                                                                    | V      |
| Weight                                             | ~ 8                                                                                                      | g      |
| Operation and storage temperature                  | -40 ... +90                                                                                              | °C     |
| Climatic category (IEC 60068-1)                    | 40/ 90/ 21                                                                                               |        |
| Marking, black                                     | <b>EPCOS 500 YY O</b><br>500   - Nominal voltage<br>YY   - Year of production<br>O     - Non radioactive |        |

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

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

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



*Not to scale*

*Dimensions in mm*

*Non controlled document*



中发网 WWW.ZFA.CN

全球最大的PDF中文下载站



**中发网**  
www.zfa.cn

**PDF 资料下载尽在中发网**