

Surge arrester

3-electrode arrester

 Series/Type:
 T80-C500X

 Ordering code:
 B88069X1293B502

 Date:
 2010.08.21

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Surge arrester

3-electrode arrester

B88069X1293B502 T80-C500X

Features

- Standard size
- Fast response time
- Very high current rating
- Stable performance over life
- Very low capacitance
- High insulation resistance
- RoHS-compatible

Electrical specifications

Applications

- Base stations
- Line protection
- Station protection

| 420 600 < 750 < 700 10 40 10 > 10 > 10 < 1.5 | V V V A A kA GΩ |
|---|--|
| < 700 10 40 10 > 10 | V A A kA |
| < 700 10 40 10 > 10 | V A A kA |
| 10 40 10 > 10 | A A kA |
| 40 10 > 10 | A kA |
| 40 10 > 10 | A kA |
| 10 > 10 | kA |
| > 10 | |
| | GΩ |
| < 1.5 | |
| - | pF |
| < 0.2 | μs |
| ~ 20 | V |
| < 1 | А |
| ~ 200 | V |
| ~ 2 | g |
| -40 +125 | °C |
| 40/125/21 | |
| EPCOS 500 YY O 500 - Nominal volta YY - Year of produ O - Non radioacti | uction |
| LII 407P (E162070 | |
| - | ~ 2 -40 +125 40/125/21 EPCOS 500 YY O 500 - Nominal volta YY - Year of produ |

- ¹⁾ At delivery AQL 0.65 level II, DIN ISO 2859
- ²⁾ In ionized mode
- ³⁾ Tip or ring electrode to center electrode
- ⁴⁾ Total current through center electrode, half value through tip respectively ring electrode.
- ⁵⁾ Test according to ITU-T Rec. K.12

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

PPD AB PD / PPD AB PM

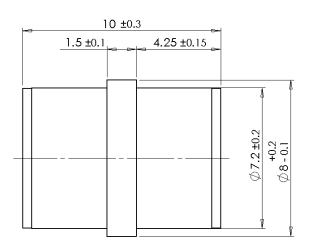


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Dimensional drawing in mm

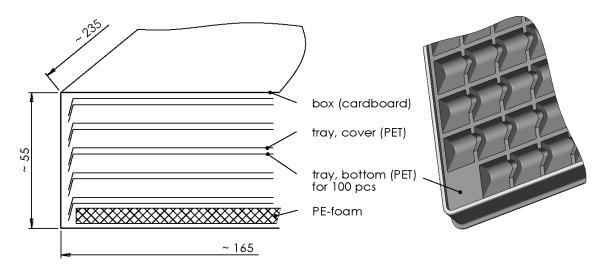




tin-plated

Ordering code and packing advice

B88069X1293**B502** = 500 pcs. on trays



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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.
- If the contacts of the surge arresters are defective, current load can cause sparks and loud noises.
- 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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