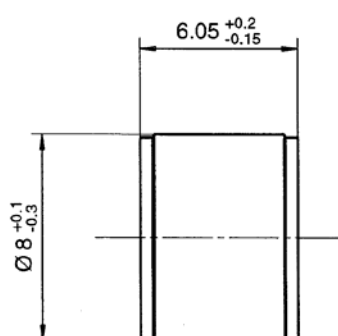


metal ceramic drain  
gas capsule 350V 20A 20KA

**53ZB01-350**

All dimensions are in mm; tolerances according to ISO 2768 m-H

**Documents**

Terms in accordance with

ITU-T Rec. K. 12 and  
DIN 57845 / VDE 0845

**Weight**

Weight

1.5 g/pce

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

| Draft                                                                                                                                                  | Date     | Approved          | Date     | Rev.                                                                                                               | Engineering change number | Name      | Date          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------|----------|--------------------------------------------------------------------------------------------------------------------|---------------------------|-----------|---------------|
| Inge Mühlauer                                                                                                                                          | 22/06/04 | Sa. Krautenbacher | 19.03.14 | b00                                                                                                                | 14-0352                   | T. Krojer | 19.03.14      |
| Rosenberger Hochfrequenztechnik GmbH & Co. KG<br>P.O.Box 1260 D-84526 Tittmoning Germany<br><a href="http://www.rosenberger.de">www.rosenberger.de</a> |          |                   |          | Tel.: +49 8684 18-0<br>Fax: +49 8684 18-499<br>email: <a href="mailto:info@rosenberger.de">info@rosenberger.de</a> |                           |           | Page<br>1 / 2 |

metal ceramic drain  
gas capsule 350V 20A 20KA

**53ZB01-350****Surge Arrester****2-Electrode-Arrester**

|                                                    |             |        |
|----------------------------------------------------|-------------|--------|
| DC spark-over voltage <sup>1) 2)</sup>             | 350<br>± 20 | V<br>% |
| Impulse spark-over voltage                         |             |        |
| at 100 V/μs   - for 99 % of measured values        | < 700       | V      |
| - typical values of distribution                   | < 650       | V      |
| at 1 kV/μs    - for 99 % of measured values        | < 900       | V      |
| - typical values of distribution                   | < 800       | V      |
| Nominal impulse discharge current (wave 8/20 μs)   | 20          | kA     |
| Single impulse discharge current (wave 8/20 μs)    | 25          | kA     |
| Nominal alternating discharge current (50 Hz, 1 s) | 20          | A      |
| Alternating discharge current (50 Hz, 9 cycles)    | 100         | A      |
| Insulation resistance at 100 V <sub>dc</sub>       | > 10        | GΩ     |
| Capacitance at 1 MHz                               | < 1.5       | pF     |
| Arc voltage at 1 A                                 | ~ 15        | V      |
| Glow to arc transition current                     | ~ 0.5       | A      |
| Glow voltage                                       | ~ 60        | V      |
| Weight                                             | ~ 1.5       | g      |
| Operation and storage temperature                  | -40 ... +90 | °C     |
| Climatic category (IEC 60068-1)                    | 40/ 90/ 21  |        |
|                                                    |             |        |

<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