

Gas discharge tube 600 V with holder

9071.99.0451

Properties

- Designed for operations exceeding 25 years
- GDT specification according to international standard ITU-T K.12
- Two electrode gas discharge tube 6x8 mm with holder



Interface and material data

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|----------------------------|-------------------------------|
| Housing material / plating | Brass / SUCOPLATE (R) Plating |
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Electrical data

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|-----------------------------|---|
| CW power frame | ≤ 960 W |
| DC sparkover | 600 V, +/- 15 % (@ 100 V/s) |
| Impulse sparkover 100 V/μs | 850 V |
| Impulse sparkover 1000 V/μs | 1100 V |
| Insulation resistance | > 100 GΩ (@ 100 V) |
| Glow voltage | approx. 70 V (@ 10 mA) |
| Arc voltage | approx. 10 V (@ > 1 A) |
| Glow-Arc transition current | < 0.5 A |
| Capacitance | < 1 pF (@ 1 MHz) |
| DC Holdover voltage | < 150 ms (@ 135 V) |
| Impulse discharge current | ≥ 1 operations (@ 30 kA, 8/20 μs) |
| | ≥ 10 operations (@ 20 kA, 8/20 μs) |
| | ≥ 400 operations (@ 500 A, 10/1000 μs) |
| | ≥ 1000 operations (@ 100 A, 10/1000 μs or 10/7000 μs) |
| Alter discharge current | ≥ 1 operations (@ 65 Arms, 11 cycles) |
| | ≥ 10 operations (@ 10 Arms, 1 s) |

Mechanical data

| | |
|--------|--------|
| Weight | 13.1 g |
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Environmental data

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|--------------------------------|---|
| Operation temperature | -40 °C ... 85 °C |
| Storage temperature | -40 °C ... 85 °C |
| Ingress protection (IP Rating) | Unmated / IP66, IP68, according to IEC 60529 (24 h of water, 1 m) |

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| Additional Information | |
|------------------------|--|
| Remarks | Test methods per ITU-T (CCITT) K.12, IEEE C62.31, RUS PE-80, Telcordia GR 1361 |
| With capsule holder | Yes |

| Ordering Information Table | |
|----------------------------|-----------------------------|
| Item number | Item description |
| 22649158 | 9071.99.0451 (73_Z-0-0-451) |

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