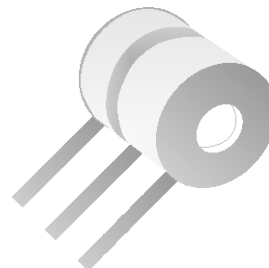


Features

- 3-electrode arrester
- Very small size
- Extremely fast response time
- Stable performance over life
- Extremely low capacitance (<1.5pF)
- High insulation resistance



Applications

- Line protection
- Station protection
- Base stations

Electrical specifications

DC spark-over voltage ^{1) 2) 4)}	250 ± 20	V %
Impulse spark-over voltage ⁴⁾ at 100 V/μs - typical values of distribution at 1 kV/μs - typical values of distribution	< 600 < 700	V V
Service life ³⁾ 5 operations 50 Hz, 1 s 10 operations 8/20 μs	10 10	A kA
Insulation resistance at 100 VDC ⁴⁾	> 1	GΩ
Capacitance at 1 MHz ⁴⁾	< 1.5	pF
Transverse delay time	< 0.2	μs
Arc voltage at 1 A	~ 35	V
Glow to arc transition current	~ 1	A
Glow voltage	~ 200	V
Weight	~ 2.2	g
Operation and storage temperature	-40 ~ +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, blue negative		

1) At delivery AQL 0.65 level II, DIN ISO 2859.

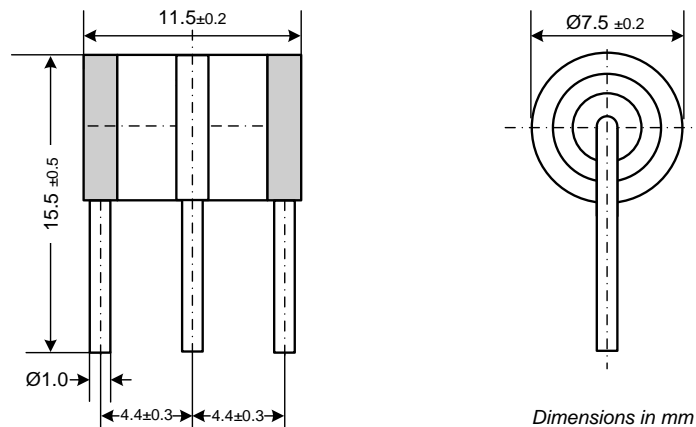
2) In ionized mode.

3) Tests according to ITU-T Rec. K. 12 and UL 497B.

4) Tip or ring electrode to center electrode.

Terms and current waveforms in accordance with: ITU-T Rec. K.12; IEC 61643-21 and DIN 57845/VDE0845.

Dimensional drawing

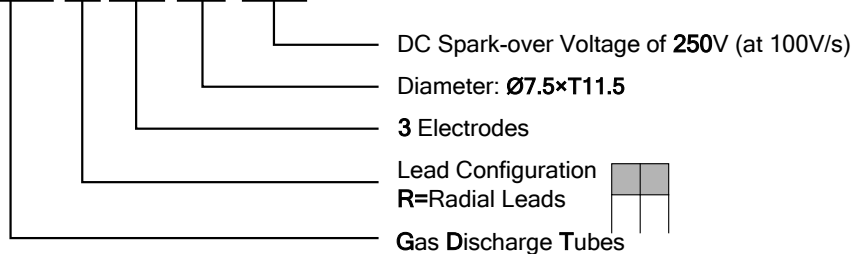


Cautions and warnings

- Surge arresters must not be operated directly in power supply networks.
- Surge arresters may become hot in case of longer periods of current stress (danger of burning).
- Surge arresters may be used only within their specified values. In case of overload, the headcontacts may fail or the component may be destroyed.
- Damaged surge arresters must not be re-used.

Part Numbering System

GDT R 3R D7-250



Package Information

TQuantity:100PCS(Plastic box),5000PCS(Carton).

Measurement: 197×167×9mm(Plastic box),360×260×210mm(Carton).

Effectivity: Reference documents shall be the issue in effect on the date of invitation for bid.

Caution: Operation beyond the rated voltage or current may result in rupture electrical arcing or flame.

CONTACT INFORMATION

SHANGHAI CHANGYUAN WAYON CIRCUIT PROTECTION CO., LTD.

No.1001, Shiwan(7) Road, Pudong District, Shanghai, P.R.China.201202

Tel: 86-21-50310888 Fax: 86-21-50757680 Email: market@way-on.com

WAYON website: <http://www.way-on.com>

For additional information, please contact your local Sales Representative.