

DC spark-over voltage ^{1) 2) 3)}	230 ± 20	V %
Impulse spark-over voltage ³⁾ at 100 V/μs - for 99 % of measured values - typical values of distribution	< 400 < 350	V V
at 1 kV/μs - for 99 % of measured values - typical values of distribution	< 500 < 450	V V
Service life		
10 operations 50 Hz, 1 s ⁴⁾	10	A
1 operations 50 Hz, 0.18 s (9 cycles) ⁴⁾	50	A
10 operations 8/20 μs ⁴⁾	20	kA
1 operation 8/20 μs ⁴⁾	25	kA
300 operations 10/1000 μs ⁴⁾	200	A
Response time of failsafe mechanism at 1 A, typical	< 10	s
Insulation resistance at 100 V _{dc} ³⁾	> 10	GΩ
Capacitance at 1 MHz ³⁾	< 1.5	pF
Transverse delay time	< 0.2	μs
Arc voltage at 1 A, typical	< 25	V
Glow to arc transition current	~ 1	A
Glow voltage	~ 200	V
Weight	~ 2.2	g
Storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, blue	EPCOS 230 YY O 230 - Nominal voltage YY - Year of production O - Non radioactive	

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

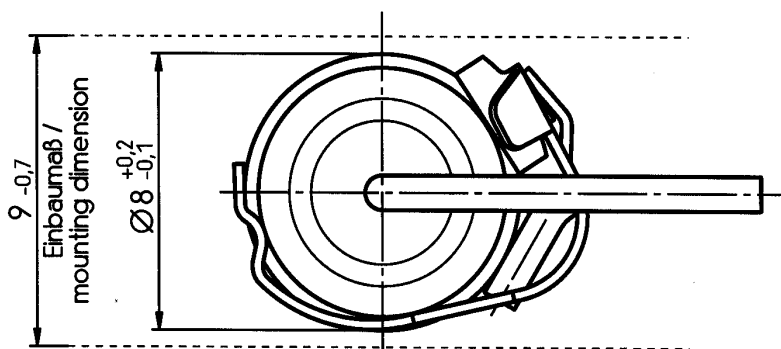
²⁾ In ionized mode

³⁾ Tip or ring electrode to center electrode

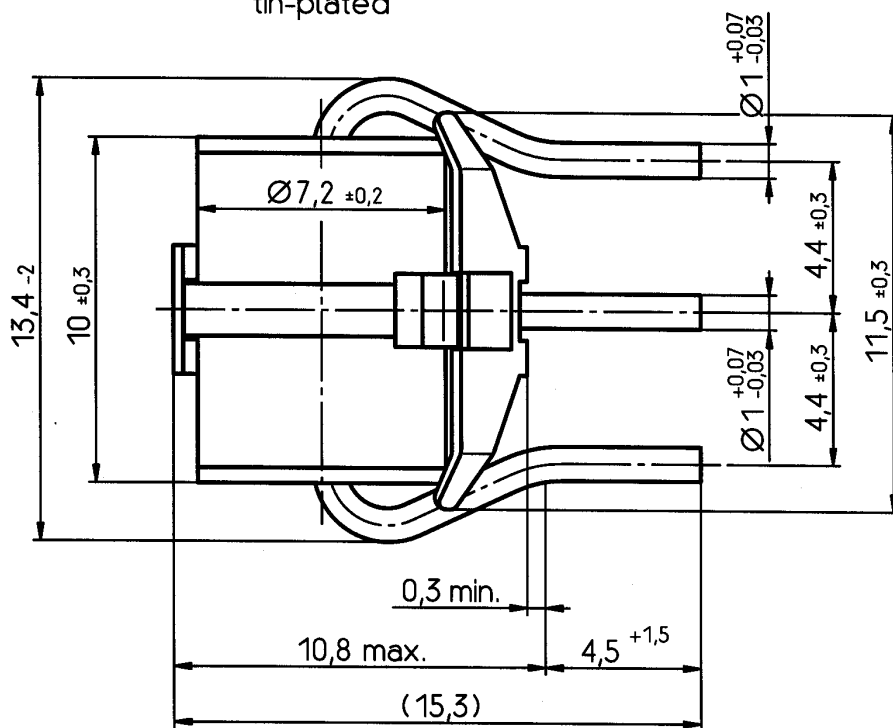
⁴⁾ Total current through center electrode, half value through tip respectively ring electrode.

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

The arrester failsafe mechanism contains a solder pellet with a melting temperature between 193 and 203 °C.



tin-plated



Not to scale

Dimensions in mm

Non controlled document

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