

DC spark-over voltage ^{1) 2) 4)}	230 ± 20	V %
Impulse spark-over voltage ⁴⁾ at 100 V/μs - for 99 % of measured values - typical values of distribution	< 600 < 450	V V
at 1 kV/μs - for 99 % of measured values - typical values of distribution	< 750 < 600	V V
Service life		
10 operations 50 Hz, 1 s ⁵⁾	5	A
10 operations 8/20μs ⁵⁾	5	kA
10 operations 8/20μs ⁶⁾	5	kA
Insulation resistance at 100 V _{dc} ⁴⁾	> 1	GΩ
Capacitance at 1 MHz ⁴⁾	< 1.5	pF
DC holdover voltage ³⁾ at 135 V _{dc} / 1300 Ω	< 150	ms
Transverse delay time ³⁾	< 0.2	μs
Arc voltage at 1 A	~ 10	V
Glow to arc transition current	~ 1	A
Glow voltage	~ 80	V
Weight	~ 1.0	g
Storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, blue	EPCOS EZ 230 YY O EZ - Series 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⁾ Test according to ITU-T Rec. K.12

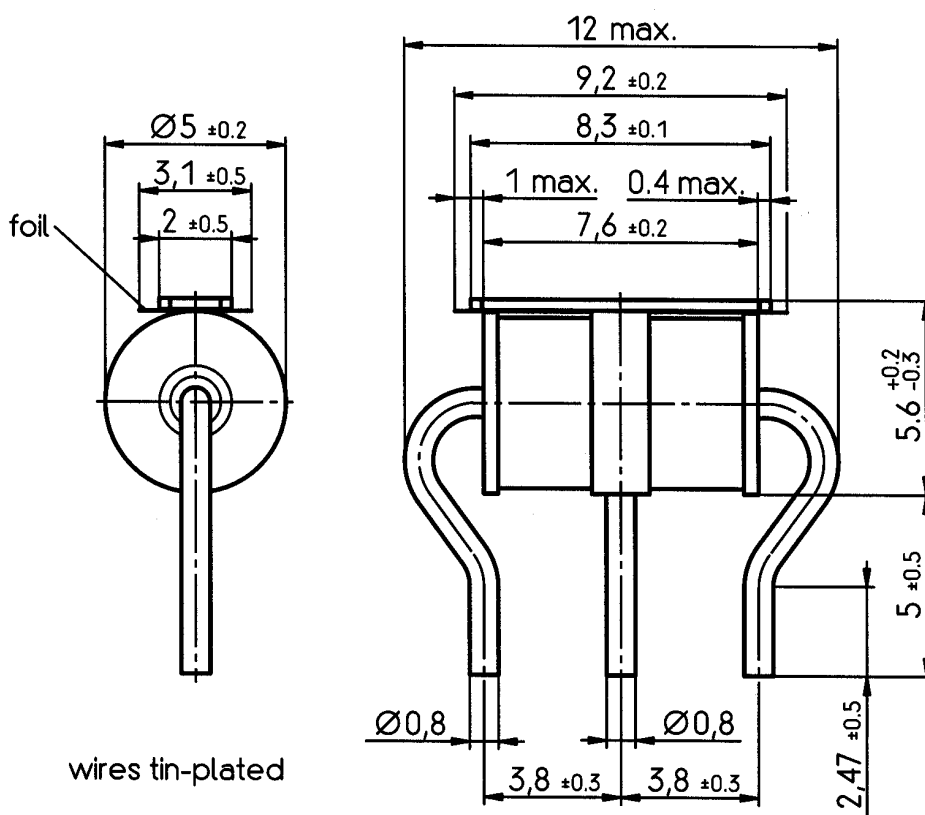
⁴⁾ Tip or ring electrode to center electrode

⁵⁾ Total current through center electrode, half value through tip respectively ring electrode.

⁶⁾ 5 operations ring to center electrode & 5 operations tip to center electrode

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

Arrester fail safe works at temperatures > 260 °C. The arrester has to be fixed mechanically, if the arrester is contacted by soldering and if the solder temperature is less than 260 °C.



wires tin-plated

Not to scale

Dimensions in mm

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