

Surge Arrester

EZ3-A90X

3-Electrode-Arrester

Ordering code: T. B. D.

Preliminary data

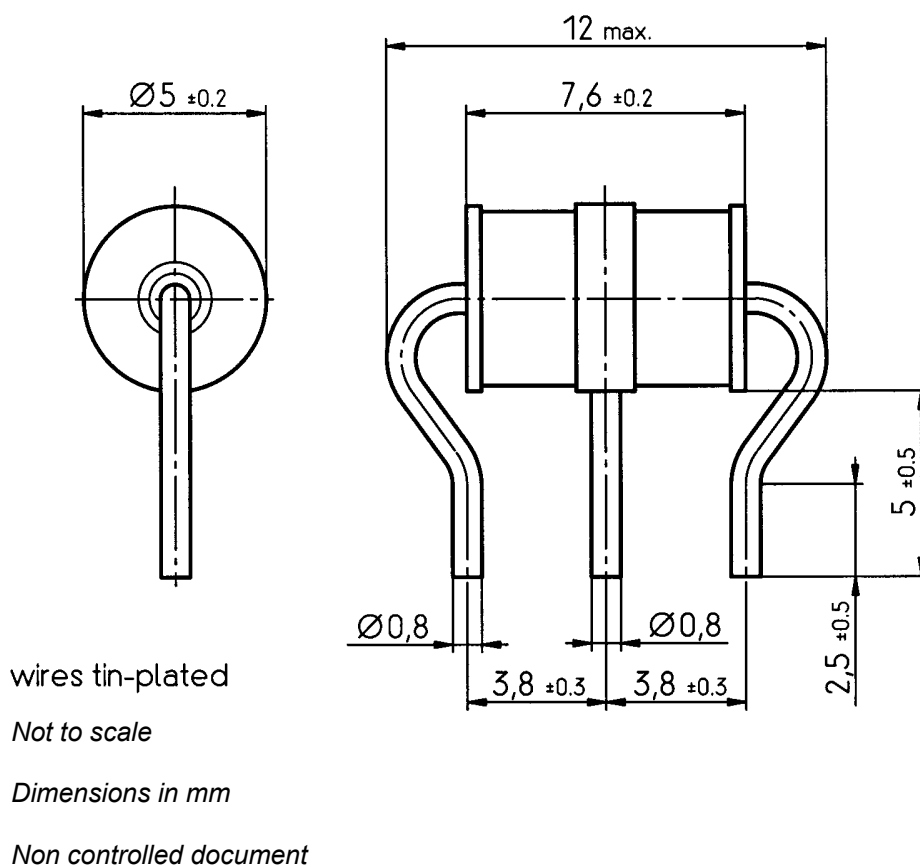
Features	Applications
Extremely Small Size	Branch Exchange (MDF)
Fast Response Time	Line Protection
High Current Rating	Station Protection
Stable Performance over Life	
Very Low Capacitance	
High Insulation Resistance	
RoHS Compliance	

* Footnotes see page 2

DC spark-over voltage ^{1) 2) 4)}	90 ± 20	V %
Impulse spark-over voltage ⁴⁾		
at 100 V/μs - for 99 % of measured values	< 350	V
- typical values of distribution	< 300	V
at 1 kV/μs - for 99 % of measured values	< 600	V
- typical values of distribution	< 500	V
Nominal impulse discharge current (wave 8/20 μs) ⁵⁾	5	kA
Nominal alternating discharge current (50 Hz, 1 s) ⁵⁾	5	A
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 90 YY O EZ - Series 90 - Nominal voltage YY - Year of production O - Non radioactive	

Preliminary data

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



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