

Surge Arrester

EF800X

2-Electrode-Arrester

Ordering code: **B88069X2641xxxx** ^{a)}

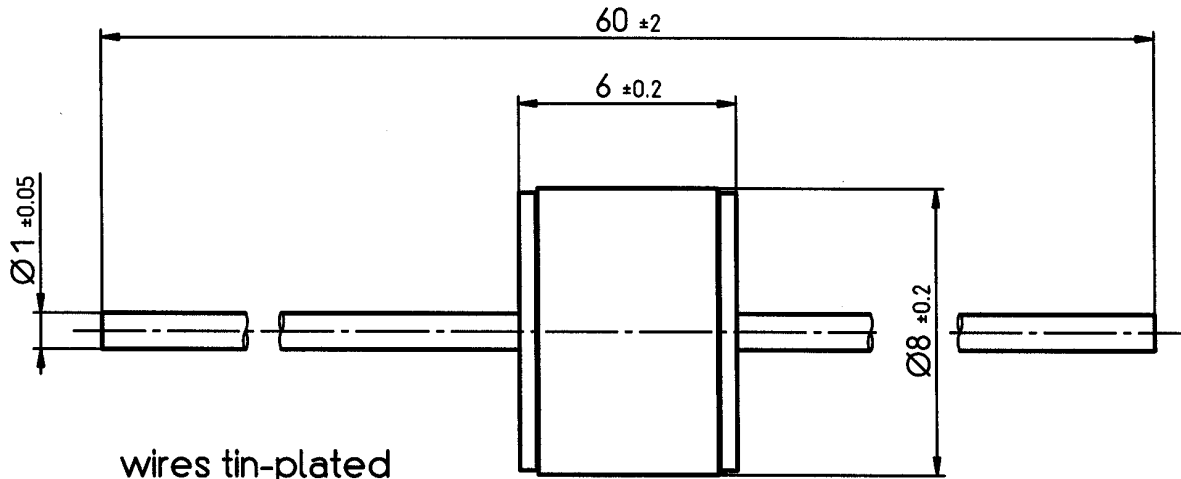
DC spark-over voltage ¹⁾²⁾	680 ... 1000	V
Impulse spark-over voltage		
at 100 V/μs - for 99 % of measured values	< 1200	V
- typical values of distribution	< 1000	V
at 1 kV/μs - for 99 % of measured values	< 1300	V
- typical values of distribution	< 1100	V
Nominal impulse discharge current (wave 8/20 μs)	5	kA
Single impulse discharge current (wave 8/20 μs)	10	kA
Nominal alternating discharge current (50 Hz, 1 s)	5	A
Alternating discharge current (50 Hz, 9 cycles)	65	A
Max. follow-on current at 230 V _{RMS}	200	A _{peak}
Insulation resistance at 100 V _{dc}	> 10	GΩ
Capacitance at 1 MHz	< 1.5	pF
Arc voltage at 1 A	~ 22	V
Glow to arc transition current	< 0.5	A
Glow voltage	~ 140	V
Weight	~ 1.5	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, red	EPCOSEF 800 YY O EF - Series 800 - Nominal voltage YY - Year of production O - Non radioactive	

^{a)} xxxx = S102 (100 pcs on 5 taped stripes)
 = T502 (500 pcs on tape and reel)

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

²⁾ In ionized mode

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



wires tin-plated

Not to scale

Dimensions in mm

Non controlled document



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