



Surge arrester

2-electrode arrester

Series/Type: A70-A230X
Ordering code: B88069X6961xxxx ^{a)}
Version/Date: Issue 02 / 2007-09-13

Features	Applications
- Standard size - Fast response time - Stable performance over life - Very low capacitance - High insulation resistance - RoHS-compatible	Consumer electronics

Electrical specifications

DC spark-over voltage ^{1) 2)}	220 ...300	V
Impulse spark-over voltage at 5kV/μs	< 1000	V
Service life		
10 operations 50 Hz, 1 s	20	A
10 operations 8/20 μs	5	kA
3 operations 8/20 μs	15	kA
300 operations 10/1000 μs	100	A
Insulation resistance at 100 V _{dc}	> 10	GΩ
Capacitance at 1 MHz	< 1.5	pF
Arc voltage at 1 A	~ 15	V
Glow to arc transition current	~ 0.5	A
Glow voltage	~ 60	V
Weight	~ 1.5	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, green positive	EPCOS 230 YY O 230 - Nominal voltage YY - Year of production O - Non radioactive	

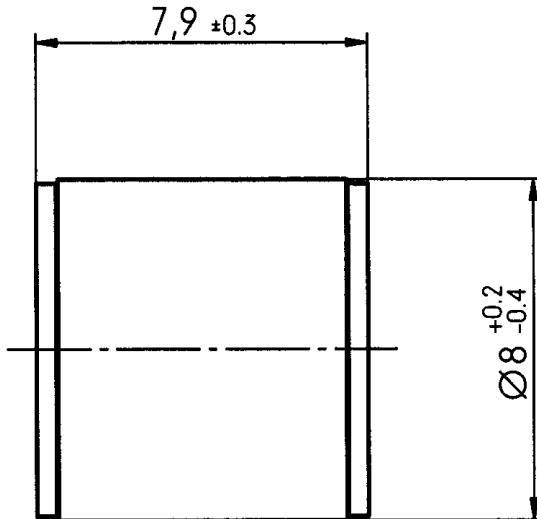
^{a)} xxxx = C102 (container with 500 pcs)
= C103 (container with 1000 pcs)

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

²⁾ In ionized mode

Terms in accordance with ITU-T Rec. K12 and DIN 57845/VDE0845

Dimensional drawing



nickel-plated

Not to scale

Dimensions in mm

Non controlled document

Cautions and warnings

- 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 head contacts may fail or the component may be destroyed.
- Damaged surge arresters must not be re-used.

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