



Surge arrester

2-electrode arrester

Series/Type: ES350XPA
Ordering code: B88069X4261B502
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B88069X4261B502
2-electrode arrester
ES350XPA

Features	Applications
<ul style="list-style-type: none"> Extremely small size Very fast response time Stable performance over life Extremely low capacitance High insulation resistance RoHS-compatible 	<ul style="list-style-type: none"> Modem XDSL-splitter Tuner

Electrical specifications

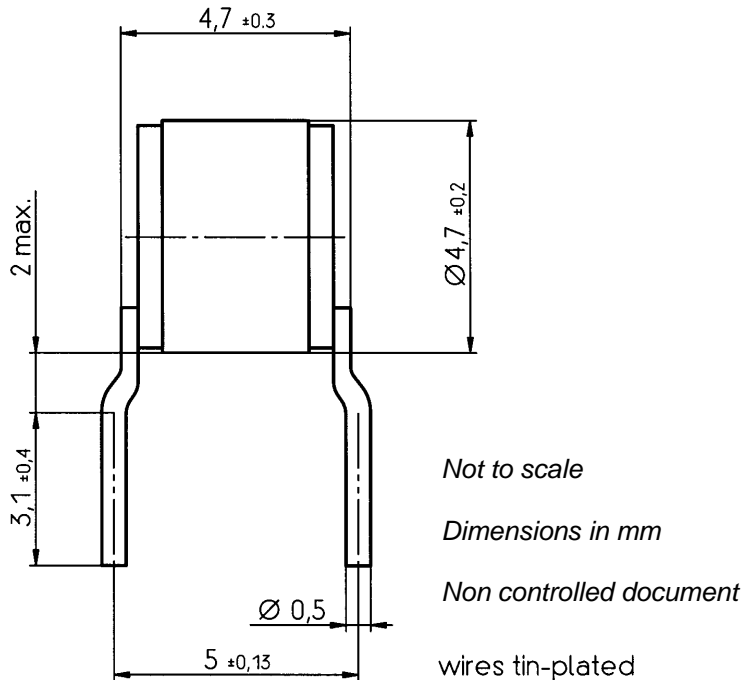
DC spark-over voltage ^{1) 2)}	350 ± 15	V %
Impulse spark-over voltage		
at 100 V/μs - for 99 % of measured values	< 530	V
- typical values of distribution	< 450	V
at 1 kV/μs - for 99 % of measured values	< 600	V
- typical values of distribution	< 530	V
Service life		
10 operations 8/20 μs	2.5	kA
1 operation 8/20 μs	5	kA
Insulation resistance at 100 V _{dc}	> 1	GΩ
Capacitance at 1 MHz	< 1	pF
Arc voltage at 1 A	~ 15	V
Glow to arc transition current	< 0.5	A
Glow voltage	~ 130	V
Weight	~ 0.3	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, red positive	EPCOSES 350 YY O ES - Series 350 - Nominal voltage YY - Year of production O - Non radioactive	

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

Dimensional drawing



Cautions and warnings

- Surge arresters must not be operated directly in power supply networks.
- If the contacts of the surge arresters are defective, current stress can lead to the formation of sparks and loud noises (bang).
- 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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