

Surge arrester

2-electrode arrester

Series/Type: N81-A350X Ordering code: B88069X4920****

Version/Date: Issue 04 / 2011-01-17

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2-electrode arrester N81-A350X

Features

- Standard size
- Very fast response time
- High current rating
- Stable performance over life
- Very low capacitance
- High insulation resistance
- RoHS-compatible

Applications

- Line protection
- Consumer electronics

Electrical specifications

DC spark-over voltage 1) 2)		350 ± 20	V %
Impulse spark-over voltage at 100 V/μs - for 99 % of measured values - typical values of distribution		< 700 < 650	V
at 1 kV/μs - for 99 % σ	of measured values lues of distribution	< 900 < 800	V
Service life 10 operations 50 Hz, 1 operation 50 Hz, 10 operations 8/20 µ 1 operation 8/20 µ 1 operation 10/350	0.18 s (9 cycles) s s	10 65 10 12	A A kA kA
Insulation resistance at 100 V _{DC}		> 10	GΩ
Capacitance at 1 MHz		< 1.5	pF
Arc voltage at 1 A Glow to arc transition current Glow voltage		~ 15 ~ 0.5 ~ 60	V A V
Weight		~ 1.5	g
Operation and storage temperature		-40 +90	°C
Climatic category (IEC 60068-1)		40/ 90/ 21	
Marking, red negative		EPCOS 350 YY O 350 - Nominal voltage YY - Year of production O - Non radioactive	

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

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

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²⁾ In ionized mode

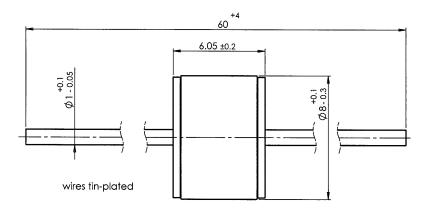


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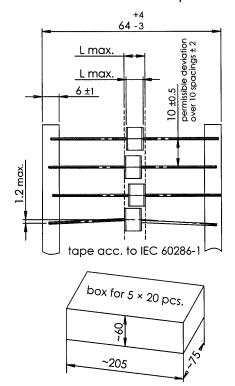
Dimensional drawing in mm

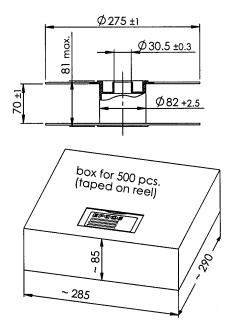


Ordering codes and packing advices

B88069X4920**S102** = 100 pcs on 5 taped stripes

B88069X4920**T502** = 500 pcs on tape & reel





Cautions and warnings

- Surge arresters must not be operated directly in power supply networks.
- 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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