

Surge arrester

2-electrode arrester

Series/Type: Ordering code:	A71-H18X B88069X6901****
Date:	2019-08-19
Version:	03

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A71-H18X

B88069X6901****

Surge arrester

2-electrode arrester

Features

- Standard size
- Fast response time
- Stable performance over life
- Low capacitance
- High insulation resistance
- RoHS-compatible

Applications

- Power supply
- Consumer electronics
- Air-con

99% of measured values ical values of distribution 99% of measured values ical values of distribution	±20 1440 2160 < 2600 < 2400 < 2700	% V V V
ical values of distribution 99% of measured values	2160 < 2600 < 2400	V V V
ical values of distribution 99% of measured values	< 2600 < 2400	V V
ical values of distribution 99% of measured values	< 2400	V
ical values of distribution 99% of measured values	< 2400	V
99% of measured values		
	< 2700	
ical values of distribution		V
	< 2400	V
50 Hz, 1 s	10	A
50 Hz, 0.18 s (9 cycles)	65	A
8/20 µs	10	kA
8/20 µs	15	kA
V _{DC}	> 10	GΩ
	< 1	pF
	~ 20	V
Glow to arc transition current		A
	~ 160	V
	~ 1	g
perature	-40 +125	°C
68-1)	40/125/21	i
Marking, green positive		0
r	50 Hz, 1 s 50 Hz, 0.18 s (9 cycles) 8/20 μs 8/20 μs V _{DC}	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$

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 IEC 61643-311.



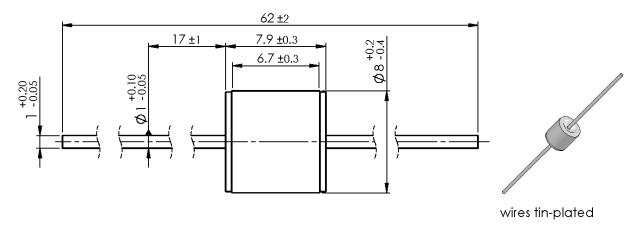
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Surge arrester

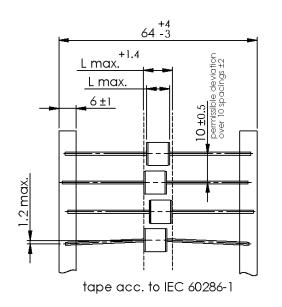
2-electrode arrester

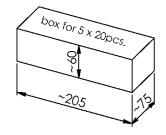
Dimensional drawing in mm



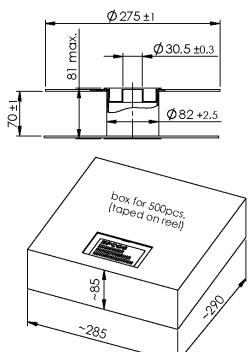
Ordering codes and packing advices

B88069X6901**S102** = 100 pcs. on 5 taped stripes





B88069X6901**T502** = 500 pcs. on trays



PPD AB PD / PPD AB PM

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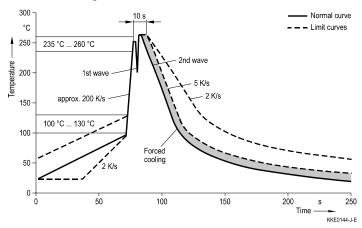
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Soldering parameter

Wave soldering



Wave profile features	Pb-free assembly
Solder	Sn 95.5 / Ag 3.8 / Cu 0.7
Solder bath temperature	263 (±3) °C
Dwell time	< 3 s

Soldering profile applied to a single soldering process.

Cautions and warnings

- Do not operate surge arresters in power supply networks, whose maximum operating voltage exceeds the minimum spark-over voltage of the surge arresters.
- Surge arresters may become hot in the event of longer periods of current stress (burn risk). In the event of overload the connectors may fail or the component may be destroyed.
- If the contacts of the surge arresters are defective, current load can cause sparks and loud noises.
- Surge arresters must be handled with care and must not be dropped.
- Do not continue to use damaged surge arresters.

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Release 2018-10