

# Surge arrester

2-electrode arrester

Series/Type: A71-H63XS Ordering code: B88069X9391\*\*\*\*

Date: 2019-08-20

Version: 02

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Surge arrester B88069X9391\*\*\*\*

## 2-electrode arrester A71-H63XS

### **Features**

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

## **Applications**

- Modem
- Power supply
- Consumer electronics

## **Electrical specifications**

DC spark-over voltage 1) 2)	5350 7560	V
Impulse spark-over voltage at 7.5 kV/µs - for 99% of measured value - typical values of distribution		V
Service life 10 operations 8/20 µs	5	kA
Insulation resistance at 100 V <sub>DC</sub>	> 10	$G\Omega$
Capacitance at 1 MHz	< 1	pF
Arc voltage at 1 A Glow to arc transition current Glow voltage	~ 20 < 1 ~ 180	V A V
Weight	~ 1.5	g
Operation and storage temperature	-40 <b>+125</b>	°C
Climatic category (IEC 60068-1)	40/125/21	
Marking, green positive	EPCOS 6300 YY O 6300 - Nominal voltage YY - Year of production O - Non radioactive	

<sup>1)</sup> At delivery AQL 0.65 level II, DIN ISO 2859

Terms in accordance with ITU-T Rec. K.12 and IEC 61643-311.

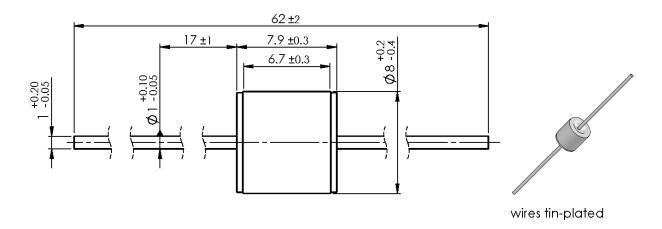
<sup>2)</sup> In ionized mode



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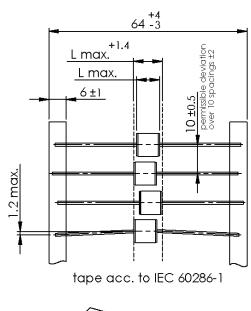
## Dimensional drawing in mm

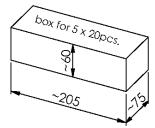


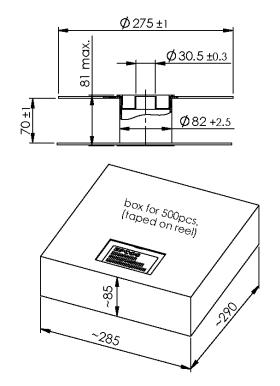
## Ordering codes and packing advices

B88069X9391**\$102** = 100 pcs. on 5 taped stripes

B88069X9391**T502** = 500 pcs. on tape & reel







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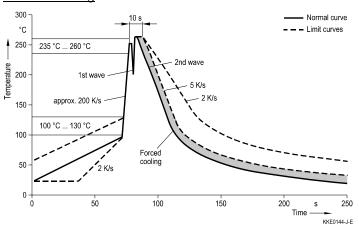


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### 2-electrode arrester A71-H63XS

### 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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## Important notes

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