

Surge arrester

2-electrode arrester

Series/Type: G41-H36C

Ordering code: B88069X4643T602

2019-04-16 Date:

Version: 03

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Surge arrester B88069X4643T602

2-electrode arrester G41-H36C

Features

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

Applications

- Branch exchange
- Line protection
- Subscriber protection
- Alarm system

Electrical specifications

3600 ±20 2880 4320	V % V
< 4600 < 4400 < 4800 < 4600	V V V
100 1 2 > 1	A kA kA
< 0.5	pF
~ 15 < 1.0 ~ 80	V A V
1800	V
~ 0.25	g
-40 +125	°C
40/125/21	
without	
UL 1449 (E319264)	c PU ° us
	±20 2880 4320 < 4600 < 4400 < 4800 < 4600 100 1 2 > 1 < 0.5 ~ 15 < 1.0 ~ 80 1800 ~ 0.25 —40 +125 40/125/21 without

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

Terms and current waveforms in accordance with: ITU-T Rec. K. 12; IEC 61643-21; 61643-311.

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²⁾ In ionized mode

³⁾ Test conditions in acc. with MIL-STD-202G at 25 ±5 °C, relative humidity of ≤ 55% and atmospheric pressure 860 ... 1100mbar.

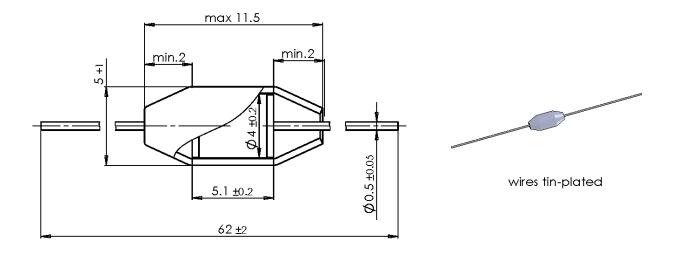


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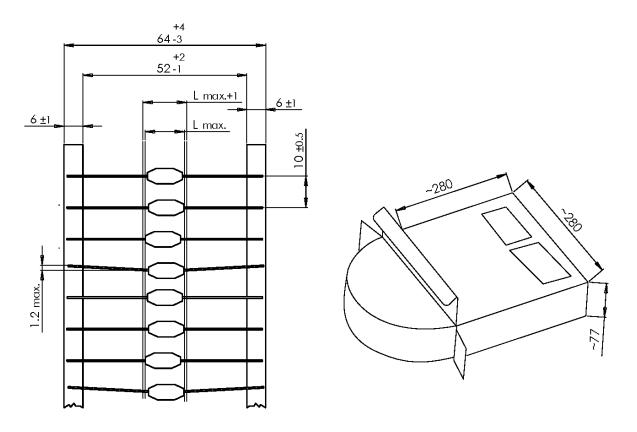
G41-H36C

Dimensional drawing in mm



Ordering code and packing advice

B88069X4643**T602** = 600 pcs. on tape & reel



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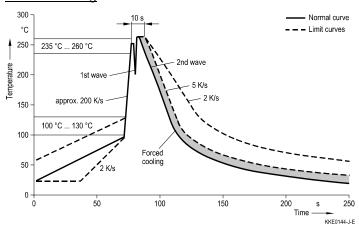


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Soldering parameter

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.
- Electromagnetic fields and ionizing radiation may affect the electrical characteristics of the arrester. The impact of such effects (inductive and capacitive field distortion from adjacent components) must be avoided by appropriate circuit design measures.
- 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