

2-electrode arrester

Series/Type: Ordering code:	G31-A400X B88069X9321****
Date:	2015-06-18
Version:	04

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2-electrode arrester

B88069X9321****

G31-A400X

Features

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

Electrical specifications

Applications

- Ethernet, PoE, xDSL
- Cable modem, splitter, line cards
- CCTV
- Applications with limited space

400 ±20 320 480 < 900 < 600 < 1200 < 850 100	V % V V V V V
320 480 < 900 < 600 < 1200 < 850	
480 < 900 < 600 < 1200 < 850	V V V V
< 900 < 600 < 1200 < 850	V V V
< 600 < 1200 < 850	V V
< 600 < 1200 < 850	V V
< 1200 < 850	V
< 850	
100	
100	
1	A
1	kA
2	kA
500	А
> 1	GΩ
< 0.5	pF
~ 10	V
< 1.0	А
~ 60	V
~ 0.2	g
-40 +125	°C
40/125/21	I
without	
UL 1449 (E319264)	9 1
	2 500 > 1 < 0.5 ~ 10 < 1.0 ~ 60 ~ 0.2 -40 +125 40/125/21 without

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

²⁾ In ionized mode

³⁾ Tests according to ITU-T Rec. K. 12 and UL 497B

 $^{4)}$ Contact discharge parameters: 1500 pF, 10 kV, 0 Ω

Terms in accordance with ITU-T Rec. K.12; IEC 61663-2 and IEC 61643-311.

PPD AB PD / PPD AB PM

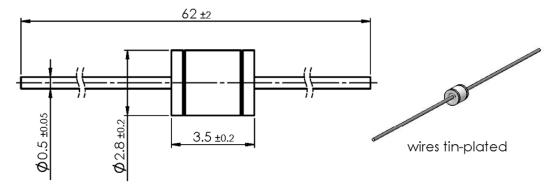


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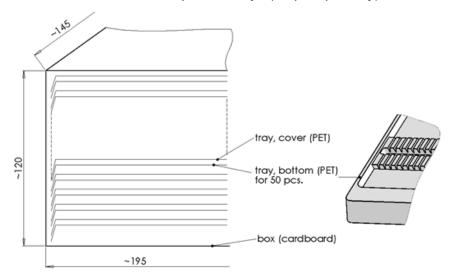
G31-A400X

Dimensional drawing in mm

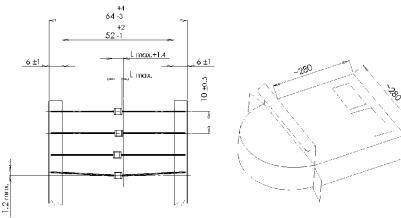


Ordering codes and packing advices

B88069X9321**B502** = 500 pcs. on trays (50 pcs. per tray)



B88069X9321T103 =1000 pcs. on tape and reel



PPD AB PD / PPD AB PM

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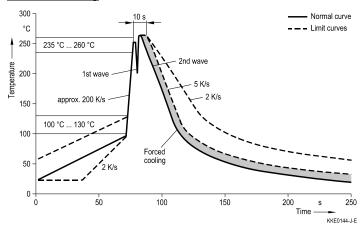


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Soldering parameter

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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