

# Surge arrester

2-electrode arrester

Series/Type: G31-A200X

Ordering code: B88069X8801\*\*\*\*

Date: 2021-06-04

Version: 12

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# 2-electrode arrester G31-A200X

#### **Features**

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

# **Applications**

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

# **Electrical specifications**

V % V
V
V
V
Α
kA
kA
Α
$G\Omega$
pF
V A V
g
°C
-
c <b>'91</b> 1° us

<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.

PPD AB PD / PPD AB PM Version: 12 / 2021-06-04

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

<sup>&</sup>lt;sup>3)</sup> Tests according to ITU-T Rec. K. 12 and UL 1449

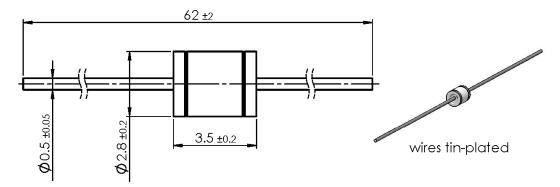
 $<sup>^{4)}</sup>$  Contact discharge parameters: 1500 pF, 10 kV, 20  $\Omega$ 



## 2-electrode arrester

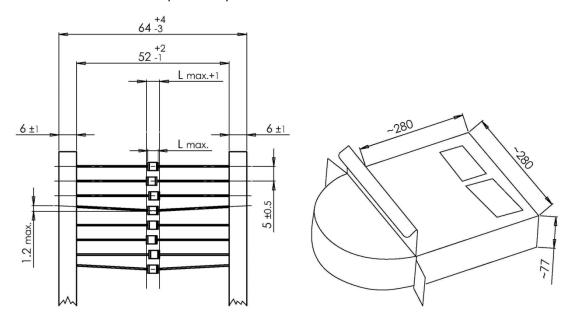
G31-A200X

# Dimensional drawing in mm



## Ordering codes and packing advices

B88069X8801**K203** =2000 pcs. on tape and reel

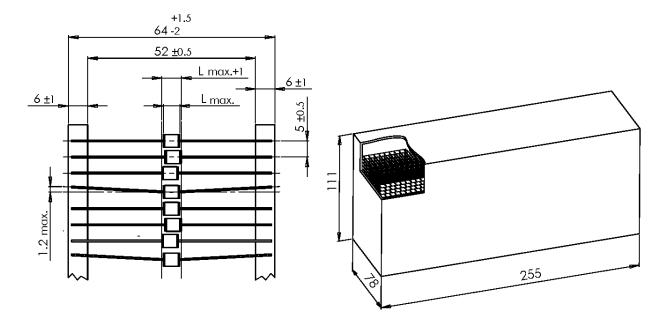




## 2-electrode arrester

G31-A200X

B88069X8801**P103** =1000 pcs. on tape and ammo pack





#### 2-electrode arrester G31-A200X

#### Soldering parameter

#### Wave soldering 300 Normal curve °C - Limit curves 250 235 °C ... 260 °C 200 1st wave approx. 200 K/s 150 100 °C ... 130 °C 100 Forced 50 100 150 KKE0144-J-E

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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