

Surge arrester

2-electrode arrester

 Series/Type:
 V13M-H40XPD

 Ordering code:
 B88069X3313B251

 Version/Date:
 Issue 01 / 2014-04-30

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2-electrode arrester V13M-H40XPD

Features

- Stable performance over life
- High insulation resistance
- RoHS-compatible

Applications

- AC power line devices
- Class II requirements

Electrical specifications

DC spark-over voltage 1) 2)	> 3200	V	
Front of wave spark-over voltage - at 1.2/50 µs, 6 kV	< 5500	V	
Breakdown time - typical values	< 100 < 20	ns ns	
Insulation resistance at 100 V _{DC}	> 1	$G\Omega$	
Class I according to EN 61643-11 ³⁾ Max. continuous operating voltage at 50/60 Hz Nominal discharge current 8/20 µs Impulse current 10/350 µs I lim	15	V kA kA	
Weight	~ 10	g	
Operation and storage temperature	-40 +90	°C	
Climatic category (IEC 60068-1)	40/ 90/ 21	·	
Marking, black positive	EPCOS 4000 YY 4000 - Nominal voltage YY - Year of productio	4000 YY 4000 - Nominal voltage	

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

²⁾ In ionized mode

Test sequence in accordance with EN 61643-11.

Application only in devices. Follow current has to be limited by an appropriate varistor in series.

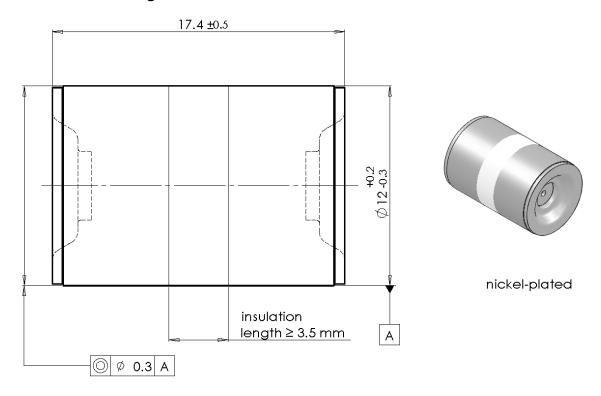


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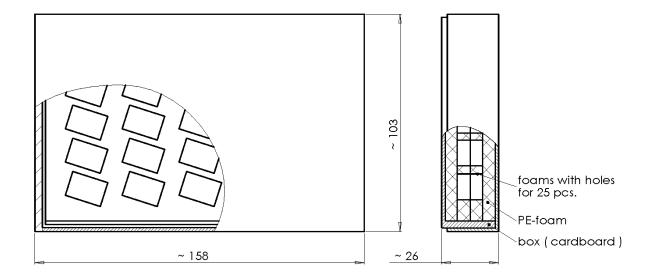
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Dimensional drawing in mm



Ordering code and packing advice

B88069X3313**B251** = 25 pcs. in foam trays



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Cautions and warnings

- Surge arresters must not be operated directly in power supply networks.
- Surge arresters may become hot in case of longer periods of current stress (danger of burning).
- If the contacts of the surge arresters are defective, current stress can lead to the formation of sparks and loud noises.
- Surge arresters may be used only within their specified values. In case of overload, the head contacts may fail or the component may be destroyed.
- Surge arresters must be handled with care and must not be dropped.
- Damaged surge arresters must not be re-used.

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