

Surge arrester

2-electrode arrester

Series/Type: Ordering code:	V13-A800XP2 B88069X9821****	
Date:	2019-07-31	
Version:	05	

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B88069X9821****

V13-A800XP2

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Features

- Suitable for direct strikes
- Very fast response time
- Stable performance over life
- High insulation resistance
- RoHS-compatible

Applications

- AC power line N-PE application
- Class II surge protection

Electrical specifications

DC spark-over voltage ^{1) 2)}	> 600	V
Front of wave spark-over voltage - at 1.2/50 µs, 6 kV initial	< 1500	V
Breakdown time - typical values	< 100 < 20	ns ns
Insulation resistance at 100 V _{DC}	> 1	GΩ
$\begin{array}{llllllllllllllllllllllllllllllllllll$	305 20 40 100	V kA kA A
1 operation 50 Hz, 0.2 s	300	А
Weight	~ 8	g
Operation and storage temperature	-40 +125	°C
Climatic category (IEC 60068-1)	40/125/21	
Marking, black positive	EPCOS 800 YY O800- Nominal voltage YYYY- Year of production OO- Non radioactive	
Certifications	UL 1449 (E319264)	c FN ° us

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

²⁾ In darkness without storage

³⁾ TOV – Temporary over voltage

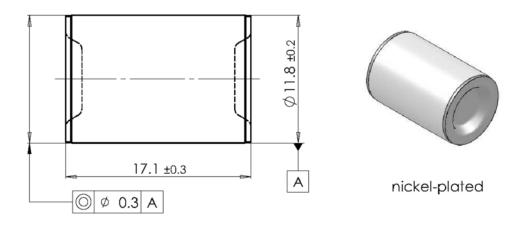


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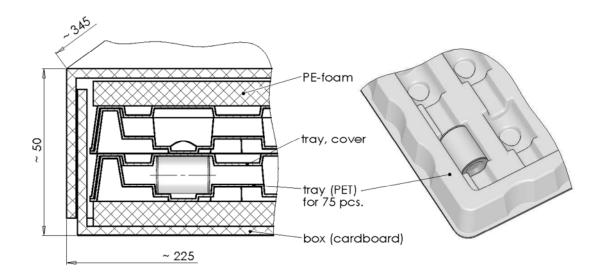
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Dimensional drawing in mm



Ordering code and packing advice

B88069X9821**B152** = 150 pcs. on trays

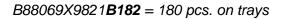


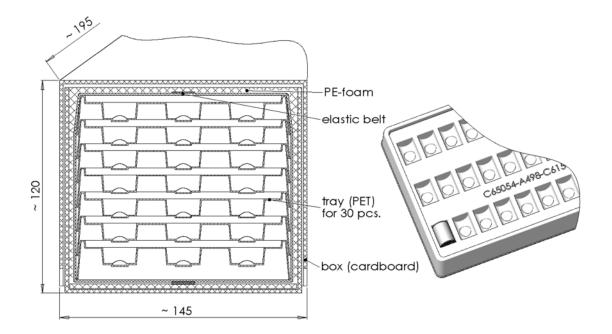


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Cautions and warnings

- The follow current must be limited (see values on page 2) so that the arrester can be properly extinguished when the surge has decayed. The arrester might otherwise heat up and ignite adjacent components.
- 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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