

# Surge arrester

2-electrode arrester

Series/Type: V13-A500XN Ordering code: B88069X6940B152

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Version: 13

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Surge arrester B88069X6940B152

2-electrode arrester V13-A500XN

### **Features**

- Standard size
- Maximum current rating
- Fast response time
- Stable performance over life
- High insulation resistance
- RoHS-compatible

# **Applications**

- AC power line N-PE application
- Class I and class II— surge protection

# **Electrical specifications**

	500 850	V
	< 1500	V
	< 100 < 20	ns ns
	> 1	$G\Omega$
U <sub>c</sub> I <sub>n</sub> I <sub>imp</sub> I <sub>f</sub>	255 40 12.5 100	V kA kA A
U <sub>c</sub> I <sub>n</sub> I <sub>max</sub> I <sub>f</sub>	255 40 65 100	V kA kA
	300	А
	~ 6.5	g
	-40 <b>+</b> 125	°C
	40/125/21	
	EPCOS 500 YY ON 500 - Nominal voltage YY - Year of production O - Non radioactive N - Series	
	UL 497B (E163070)	<i>A</i> L°
	I <sub>n</sub> I <sub>imp</sub> I <sub>f</sub> U <sub>c</sub> I <sub>n</sub> I <sub>max</sub>	$ \begin{array}{c} < 1500 \\ < 100 \\ < 20 \\ > 1 \\ \hline \\ U_c \\ I_n \\ I_{imp} \\ I_{f} \\ 100 \\ \hline \\ U_c \\ I_n \\ I_m \\ I_$

<sup>1)</sup> At delivery AQL 0.65 level II, DIN ISO 2859

PPD AB PD / PPD AB PM

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

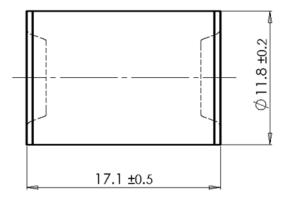
<sup>3)</sup> TOV – Temporary over voltage



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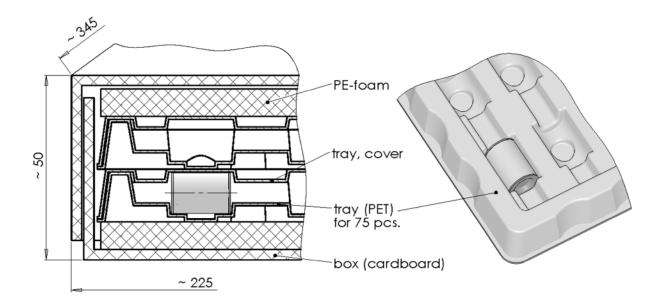
# Dimensional drawing in mm





# Ordering code and packing advice

B88069X6940**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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# Important notes

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