

# Surge arrester

2-electrode arrester

Series/Type: EC90X Ordering code: B88069

Ordering code: B88069X0720S102

Version/Date: Issue 05 / 2006-08-31

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B88069X0720S102 Surge arrester

#### 2-electrode arrester EC90X

Features	Applications
<ul> <li>Standard size</li> </ul>	■ Modem
<ul> <li>High current rating</li> </ul>	<ul> <li>XDSL-splitter</li> </ul>
<ul> <li>Very fast response time</li> </ul>	Data lines
<ul> <li>Stable performance over life</li> </ul>	■ Tuner
<ul> <li>Very low capacitance</li> </ul>	<ul><li>Antenna</li></ul>
<ul> <li>High insulation resistance</li> </ul>	
<ul> <li>RoHS-compatible</li> </ul>	

## **Electrical specifications**

± 20 < 500 < 450 < 600 < 550	% V V	
< 450 < 600	V	
< 450 < 600	V	
< 600	V	
< 550	1.7	
	V	
5	Α	
20	Α	
5	kA	
10	kA	
1	kA	
100	Α	
> 1	$G\Omega$	
< 1	pF	
~ 12	V	
~ 0.8	Α	
~ 80	V	
~ 1.5	g	
-40 +90	°C	
40/ 90/ 21		
EC - Series 90 - Nominal volta YY - Year of produ	90 - Nominal voltage 'Y - Year of production	
	20 5 10 1 100 > 1 < 1	

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

Terms in accordance with ITU-T Rec. K.12 and DIN 57845/VDE0845

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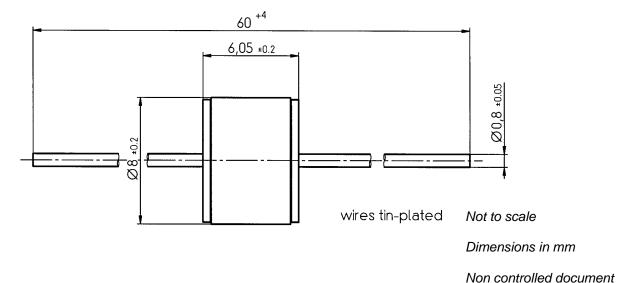


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EC90X

### **Dimensional drawing**



### **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).
- Surge arresters may be used only within their specified values. In case of overload, the lead contacts may fail or the component may be destroyed.
- Damaged surge arresters must not be re-used.



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