

# Surge arrester

3-electrode arrester

Version:

 Series/Type:
 T80-A600X

 Ordering code:
 B88069X2721C203

 Date:
 2019-08-21

03

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# Surge arrester

### **3-electrode arrester**

B88069X2721C203 T80-A600X

#### Features

- Standard size
- Very fast response time
- Very high current rating
- Stable performance over life
- Very low capacitance
- High insulation resistance
- RoHS-compatible

#### **Electrical specifications**

# Applications

- Base stations
- Line protection
- Station protection

	600	V
		%
	-	V
	720	V
ured values	< 900	V
		V
		V
distribution	< 1000	V
	10	A
		A
		kA
		kA
10/350 µs ⁴⁄		kA
	> 10	GΩ
	< 1.5	pF
	< 0.2	μs
	~ 35	V
	< 1	А
	~ 200	V
	~ 2	g
	-40 +125	°C
	40/125/21	
	EPCOS 600 YY O 600 - Nominal voltage YY - Year of production O - Non radioactive	
	UL 497B (E163070)	<b>A</b>
	ured values distribution $50 \text{ Hz}; 1 \text{ s}^{4)}$ $50 \text{ Hz}; 0.18 \text{ s} (9 \text{ cycl.})^{4)}$ $8/20 \text{ µs}^{4)}$ $8/20 \text{ µs}^{4)}$ $10/350 \text{ µs}^{4)}$	$ \frac{\pm 20}{480} \\ 720 \\ \frac{+20}{480} \\ 720 \\ \frac{+20}{480} \\ 720 \\ \frac{+20}{480} \\ 720 \\ \frac{+20}{800} \\ \frac{+20}{800} \\ \frac{+20}{800} \\ \frac{+100}{800} \\ \frac{-100}{800} \\ \frac{-20}{800} \\ \frac{-40}{800} \\ \frac{-40}{8$

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# **②TDK**

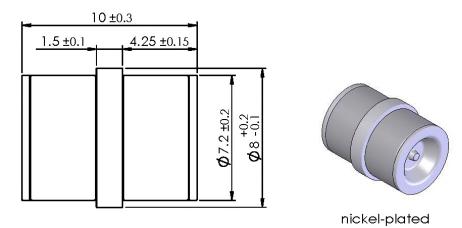
## Surge arrester

#### **3-electrode arrester**

- <sup>1)</sup> At delivery AQL 0.65 level II, DIN ISO 2859
- <sup>2)</sup> In ionized mode
- <sup>3)</sup> Tip or ring electrode to center electrode
- <sup>4)</sup> Total current through center electrode, half value through tip respectively ring electrode.
- <sup>5)</sup> Test according to ITU-T Rec. K.12

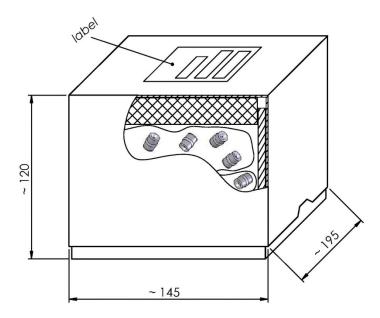
Terms in accordance with ITU-T Rec. K.12 and IEC 61643-311.

#### Dimensional drawing in mm



### Ordering code and packing advice

B88069X2721**C203** = 2000 pcs. in container



PPD AB PD / PPD AB PM

# **公TDK**

#### Surge arrester

#### **3-electrode arrester**

#### **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.
- If the contacts of the surge arresters are defective, current load can cause sparks and loud noises.
- 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.
- Surge arresters must be handled with care and must not be dropped.
- Do not continue to use damaged surge arresters.

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