

Surge arrester

3-electrode arrester

 Series/Type:
 T20-A350X

 Ordering code:
 B88069X7320C203

 Date:
 2019-08-15

 Version:
 05

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T20-A350X

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Surge arrester

3-electrode arrester

Features

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

Electrical specifications

Applications

- Line protection
- Station protection
- Base stations

Electrical specificatio	0115		
DC spark-over voltage Tolerance Min. Max.	1) 2) 3)	350 ±20 280 420	V % V V
Impulse spark-over vol	tage ³⁾		
at 100 V/μs	 for 99% of measured values typical values of distribution	< 650 < 550	V V
at 1 kV/µs	 for 99% of measured values typical values of distribution 	< 700 < 600	V V
Service life			
10 operations	50 Hz; 1 s ⁴⁾	10	А
1 operation	50 Hz; 0.18 s (9 cycl.) $^{4)}$	50	А
10 operations	8/20 μs ⁴⁾	20	kA
1 operation	8/20 μs ⁴⁾	25	kA
1 operation	10/350 μs ⁴⁾	5	kA
Insulation resistance at	> 10	GΩ	
Capacitance at 1 MHz	< 1.5	pF	
Transverse delay time	< 0.2	μs	
Arc voltage at 1 A Glow to arc transition current Glow voltage		~ 35 < 1 ~ 200	V A V
Weight		~ 2	g
Operation and storage temperature		-40 +125	°C
Climatic category (IEC 60068-1)		40/125/21	
Marking, blue negative		EPCOS 350 YY O 350 - Nominal voltage YY - Year of production O - Non radioactive	
Certifications	UL 497B (E163070)	91	
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Remarks on next page

PPD AB PD / PPD AB PM

Version: 05 / 2019-08-15



Surge arrester

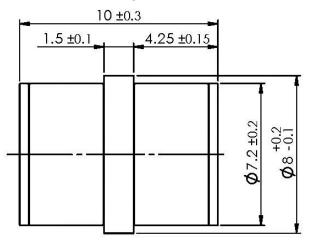
3-electrode arrester

B88069X7320C203 T20-A350X

- 1) At delivery AQL 0.65 level II, DIN ISO 2859
- ²⁾ In ionized mode
- ³⁾ Tip or ring electrode to center electrode
- ⁴⁾ Total current through center electrode, half value through tip respectively ring electrode.
- ⁵⁾ 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

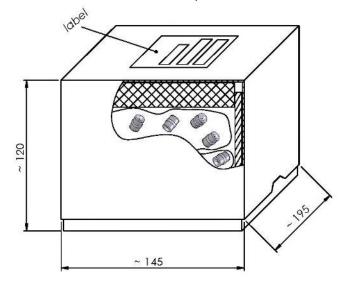




nickel plated

Ordering code and packing advice

B88069X7320**C203** = 2000 pcs. in container



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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.
- 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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