

Surge arrester

2-electrode arrester

Series/Type: Ordering code: A70-H15X

B88069X9891C103

2019-08-19 Date:

Version: 04

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2-electrode arrester A70-H15X

Features

- Standard size
- Fast response time
- Stable performance over life
- Low capacitance
- High insulation resistance
- RoHS-compatible

Applications

Consumer electronics

Electrical specifications

1) 2)	4500	1,7
DC spark-over voltage 1) 2)	1500	V
Tolerance Min.	±13	%
Max.	1300 1700	V
IVIAX.	1700	V
Impulse spark-over voltage		
at 100 V/µs - for 99% of measured values	< 2300	V
 typical values of distribution 	< 2200	V
at 1 kV/µs - for 99% of measured values	< 2400	V
- typical values of distribution	< 2300	V
Service life		
10 operations 50 Hz, 1 s	10	Α
1 operation 50 Hz, 0.18 s (9 cycles)	65	Α
10 operations 8/20 µs	10	kA
1 operation 8/20 µs	15	kA
Insulation resistance at 100 V _{DC}	> 10	$G\Omega$
Capacitance at 1 MHz	< 1	pF
Arc voltage at 1 A	~ 20	V
Glow to arc transition current	< 1	Α
Glow voltage	~ 180	V
Weight	~ 1.5	g
Operation and storage temperature	-40 + 125	°C
Climatic category (IEC 60068-1)	40/125/21	1
Marking, green positive	EPCOS 1500 YY O 1500 - Nominal voltage YY - Year of production O - Non radioactive	

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

Terms in accordance with ITU-T Rec. K.12; IEC 61663-2 and IEC 61643-311.

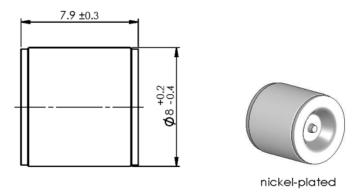
²⁾ In ionized mode



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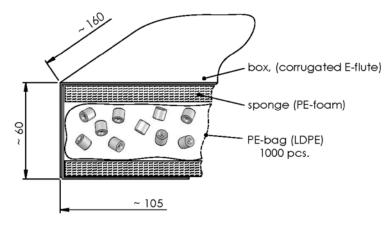
2-electrode arrester A70-H15X

Dimensional drawing in mm



Ordering code and packing advice

B88069X9891**C103** = 1000 pcs. in container



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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Important notes

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