

Surge arrester

2-electrode arrester

Series/Type: A81-A230X Ordering code: B88069X2250****

Version/Date: Issue 07 / 2013-04-09

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Surge arrester B88069X2250****

2-electrode arrester A81-A230X

Features

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

Applications

- Branch exchange (MDF)
- Line protection
- Subscriber protection

Electrical specifications

DC spark-over voltage 1) 2)	230 ± 20	V %
Impulse spark-over voltage		
at 100 V/µs - for 99% of measured values	< 500	V
- typical values of distribution	< 450	V
at 1 kV/µs - for 99% of measured values	< 650	V
 typical values of distribution 	< 550	V
Service life 8)		
10 operations 50 Hz; 1 s	20	Α
1 operation 50 Hz; 0.18 s (9 cycles)	100	Α
10 operations 8/20 µs	20	kA
1 operation 8/20 µs	25	kA
1 operation 10/350 μs	2.5	kA
300 operations 10/1000 μs	200	Α
Insulation resistance at 100 V _{DC}	> 10	GΩ
Capacitance at 1 MHz	< 1.5	pF
Arc voltage at 1 A	~ 15	V
Glow to arc transition current	~ 0.5	Α
Glow voltage	~ 60	V
Weight	~ 2.5	g
Operation and storage temperature	-40 +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, blue negative	EPCOS 230 YY O 230 - 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.

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²⁾ In ionized mode

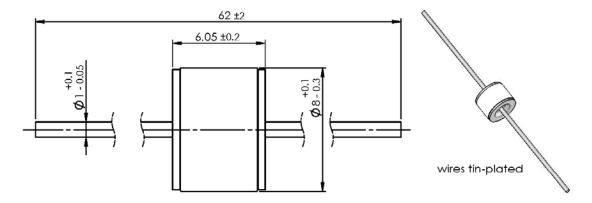


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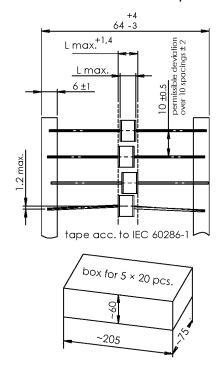
Dimensional drawing in mm

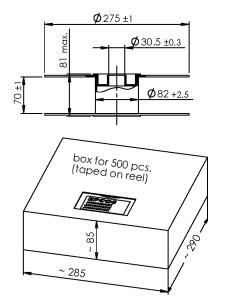


Ordering codes and packing advices

B88069X2250**\$102** = 100 pcs. on 5 taped stripes

B88069X2250**T502** = 500 pcs. on tape & reel





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.
- Surge arresters must be handled with care and must not be dropped.
- Damaged surge arresters must not be re-used.

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