

Surge Arrester

3-Electrode-Arrester

Version:

 Series/Type:
 EK4-A230XF1

 Ordering code:
 B88069X2601B502

 Date:
 27.10.2003

Issue 01

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DC spark-over voltage ^{1) 2) 4)}	230 ± 20	V %	
Impulse spark-over voltage ⁴⁾	÷ 20		
at 100 V/µs - for 99 % of measured values - typical values of distribution	< 600 < 500	V V	
at 1 kV/µs - for 99 % of measured values - typical values of distribution	< 700 < 600	V V	
Service life			
10 operations50 Hz, 1 s $^{5)}$ 10 operations8/20 μ s $^{5)}$	10 10	A kA	
Insulation resistance at 100 $V_{dc}^{4)}$	> 1	GΩ	
Capacitance at 1 MHz ⁴⁾	< 1.5	pF	
Transverse delay time ³⁾	< 0.2	μs	
Arc voltage at 1 A Glow to arc transition current Glow voltage	~ 10 ~ 1 ~ 80	V A V	
Weight	~ 1.4	g	
Storage temperature	-40 +90	°C	
Climatic category (IEC 60068-1)	40/ 90/ 21	40/ 90/ 21	
Marking, blue	EPCOS EK 230 YY O EK - Series 230 - Nominal voltage YY - Year of production O - Non radioactive		

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

²⁾ In ionized mode

³⁾ Test according to ITU-T Rec. K.12

⁴⁾ Tip or ring electrode to center electrode

 ⁵⁾ Total current through center electrode, half value through tip respectively ring electrode.

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

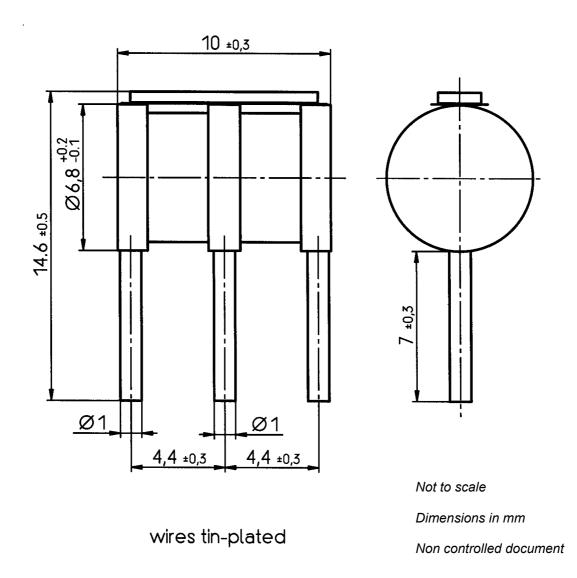


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