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# **Surge Arrester**

3-Electrode-Arrester

Series/Type: T81-A230XF4 Ordering code: B88069X9680B252

Date: 23.05.2002 Version: Issue 02

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Surge Arrester T81-A230XF4

## 3-Electrode-Arrester

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DC spark-over voltage 1) 2) 4)	230 ± 20	V %
Impulse spark-over voltage <sup>4)</sup> at 100 V/µs - for 99 % of measured values - typical values of distribution	< 450 < 400	V
at 1 kV/μs - for 99 % of measured values - typical values of distribution	< 650 < 600	V
Nominal impulse discharge current (wave 8/20 μs) <sup>5)</sup> Single impulse discharge current (wave 8/20 μs) <sup>5)</sup>	10 15	kA kA
Nominal alternating discharge current (50 Hz, 1 s) 5 Alternating discharge current (50 Hz, 9 cycles) 5	10 40	A A
Insulation resistance at 100 V <sub>dc</sub> <sup>4)</sup>	> 10	GΩ
Capacitance at 1 MHz <sup>4)</sup>	< 1.5	pF
Transverse delay time 3)	< 0.2	μs
Arc voltage at 1 A Glow to arc transition current Glow voltage	~ 35 ~ 1 ~ 200	V A V
Weight	~ 2	g
Storage temperature	-40 +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, red	EPCOS 230 YY O 230 - Nominal voltage YY - Year of production O - Non radioactive	

<sup>1)</sup> At delivery AQL 0.65 level II, DIN ISO 2859

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

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<sup>2)</sup> In ionized mode

Test according to ITU-T Rec. K.12

Tip or ring electrode to center electrode

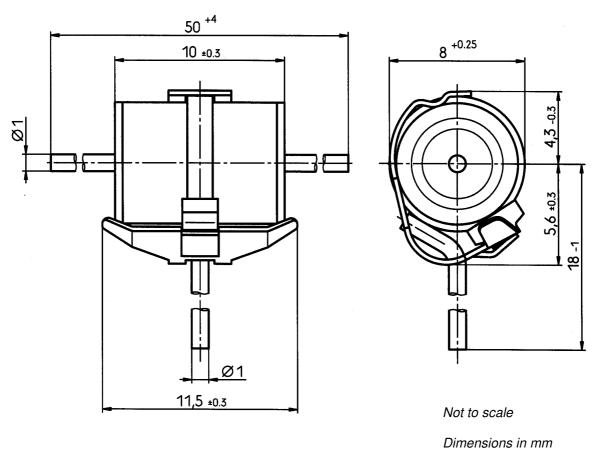
Total current through center electrode, half value through tip respectively ring electrode.



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