

Surge Arrester
T4N-A230XFV
3-Electrode-Arrester
Ordering code: B88069X7480B202

DC spark-over voltage ^{1) 2) 4)}	230 ± 20	V %
Impulse spark-over voltage ⁴⁾ at 1 kV/μs - for 99 % of measured values - typical values of distribution	< 350 < 320	V V
Nominal impulse discharge current (wave 8/20 μs) ⁵⁾	10	kA
Single impulse discharge current (wave 8/20 μs) ⁵⁾	20	kA
Nominal alternating discharge current (50 Hz, 1 s) ⁵⁾	10	A
Impulse life ⁵⁾ 300 operations 10/1000 μs	1000	A
Insulation resistance at 100 V _{dc} ⁴⁾	> 0.1	GΩ
Capacitance at 1 MHz ⁴⁾	< 85	pF
DC holdover voltage ³⁾ at 135 V _{dc} / 1300 Ω	< 150	ms
Arc voltage at 1 A Glow to arc transition current Glow voltage	~ 30 ~ 1 ~ 200	V A V
Weight	~ 3.5	g
Storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, blue	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

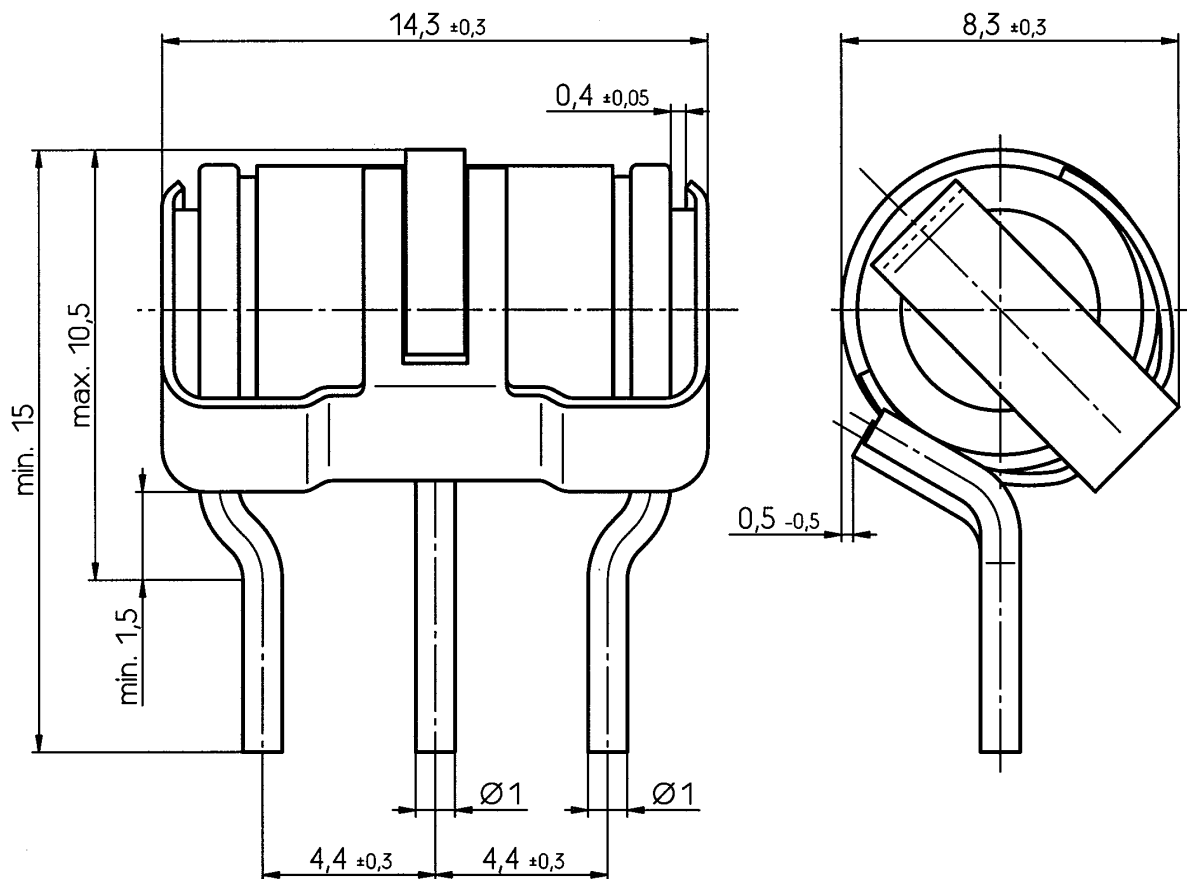
²⁾ In ionized mode

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



Not to scale

Dimensions in mm

Non controlled document

© EPCOS AG 2002. Reproduction, publication and dissemination of this data sheet, enclosures hereto and the information contained therein without EPCOS' prior express consent is prohibited.

Purchase orders are subject to the General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry recommended by the ZVEI (German Electrical and Electronic Manufacturers' Association), unless otherwise agreed.