



Surge Arrester

T90-A90X

3-Electrode-Arrester

Ordering code: **B88069X5470C253**

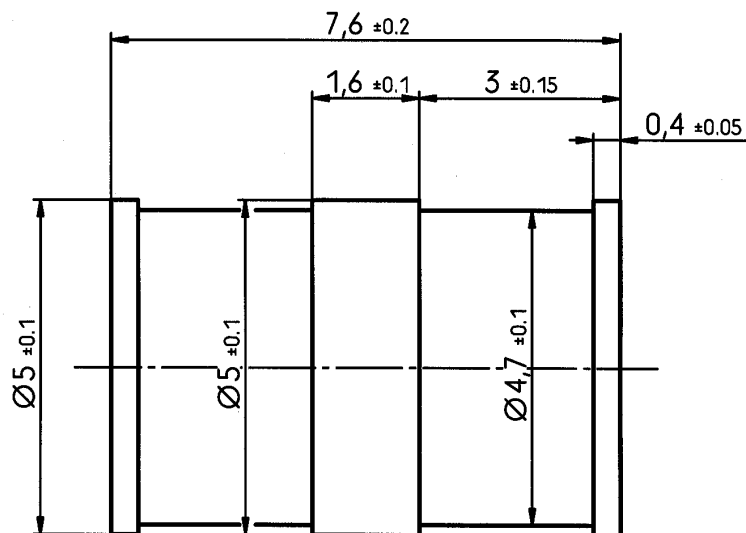
Preliminary data

DC spark-over voltage ^{1) 2) 4)}	90 ± 20	V %
Impulse spark-over voltage ⁴⁾		
at 100 V/μs - for 99 % of measured values ⁶⁾	< 550	V
- typical values of distribution ⁶⁾	< 450	V
at 1 kV/μs - for 99 % of measured values ⁶⁾	< 700	V
- typical values of distribution ⁶⁾	< 600	V
Nominal impulse discharge current (wave 8/20 μs) ^{5) 6)}	5	kA
Nominal alternating discharge current (50 Hz, 1 s) ^{5) 6)}	5	A
Insulation resistance at 50 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	~ 10	V
Glow to arc transition current	~ 1	A
Glow voltage	~ 60	V
Weight	~ 0.8	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, blue	EPCOS 90 YY O 90 - 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.
 6) under test
 Terms in accordance with ITU-T Rec. K.12 and DIN 57845/VDE0845



Preliminary data



Not to scale

Dimensions in mm

Non controlled document

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