

Surge Arrester

A83-C90X

2-Electrode-Arrester

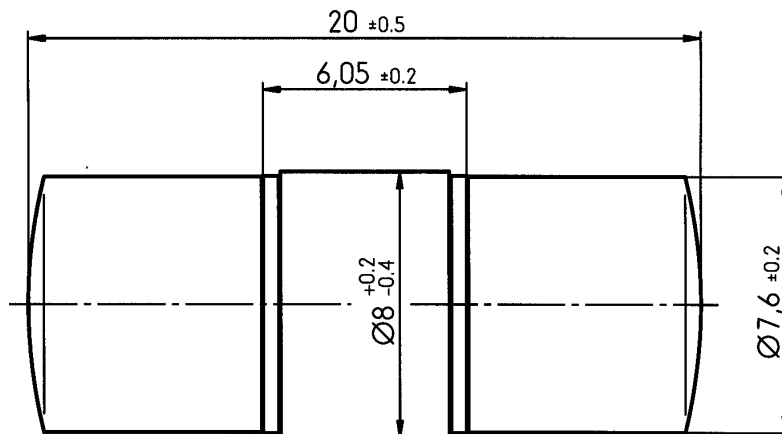
Ordering code: B88069X1450C102

DC spark-over voltage ^{1) 2)}	90 ± 20	V %
Impulse spark-over voltage at 100 V/μs - for 99 % of measured values - typical values of distribution	< 500 < 450	V V
at 1 kV/μs - for 99 % of measured values - typical values of distribution	< 600 < 550	V V
Nominal impulse discharge current (wave 8/20 μs)	20	kA
Single impulse discharge current (wave 8/20 μs)	25	kA
Nominal alternating discharge current (50 Hz, 1 s)	20	A
Alternating discharge current (50 Hz, 9 cycles)	100	A
Insulation resistance at 50 V _{dc}	> 10	GΩ
Capacitance at 1 MHz	< 1.5	pF
Arc voltage at 1 A	~ 10	V
Glow to arc transition current	~ 0.5	A
Glow voltage	~ 60	V
Weight	~ 1.5	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, black	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

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



nickel-plated

Not to scale

Dimensions in mm

Non controlled document