

Surge Arrester

2-Electrode-Arrester

A83-C90X

Ordering code: B88069X1450C102

DC spark-over voltage ^{1) 2)}	90	V
	± 20	%
Impulse spark-over voltage		
at 100 V/µs - for 99 % of measured values	< 500	V
 typical values of distribution 	< 450	V
at 1 kV/µs - for 99 % of measured values	< 600	V
 typical values of distribution 	< 550	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	А
Alternating discharge current (50 Hz, 9 cycles)	100	А
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	

At delivery AQL 0.65 level II, DIN ISO 2859
 In ionized mode

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

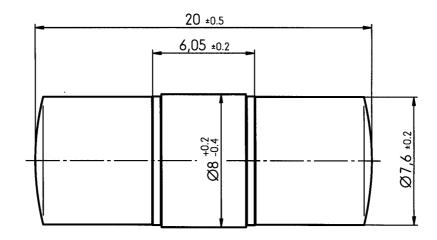


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nickel-plated

Not to scale

Dimensions in mm

Non controlled document

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Issue 01, 21.01.2003