

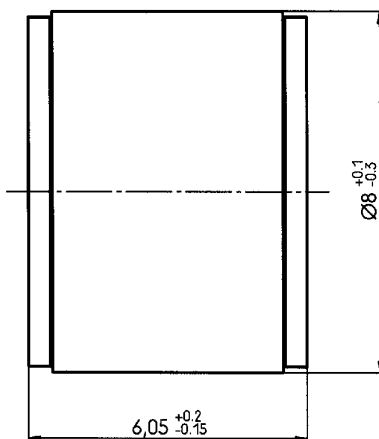
**Surge Arrester**
**N80-C90X**
**2-Electrode-Arrester**
**Ordering code: B88069X4890C103**

DC spark-over voltage <sup>1) 2)</sup>	90 ± 20	V %
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)	10	kA
Single impulse discharge current (wave 8/20 μs)	12	kA
Nominal alternating discharge current (50 Hz, 1 s)	10	A
Alternating discharge current (50 Hz, 9 cycles)	65	A
Insulation resistance at 50 V <sub>dc</sub>	> 10	GΩ
Capacitance at 1 MHz	< 1.5	pF
Arc voltage at 1 A	~ 15	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, red	<b>EPCOS 90 YY O</b> 90   - Nominal voltage YY   - Year of production O   - Non radioactive	

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

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

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



*Not to scale*

*Dimensions in mm*

*Non controlled document*

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