

Surge Arrester

## 2-Electrode-Arrester

Ordering code: B88069X2190xxxx a)

Marking, green	EPCOS 2500 YY O 2500 - Nominal voltage YY - Year of production O - Non radioactive	
Climatic category (IEC 60068-1)	40/ 90/ 21	
Operation and storage temperature	-40 +90	°C
Weight	~ 1.5	g
Arc voltage at 1 A Glow to arc transition current Glow voltage	~ 20 ~ 1 ~ 180	V A V
Capacitance at 1 MHz	< 1	pF
Insulation resistance at 100 V <sub>dc</sub>	> 10	$G\Omega$
Nominal alternating discharge current (50 Hz, 1 s) Alternating discharge current (50 Hz, 9 cycles)	2.5 2.5	A A
Nominal impulse discharge current (wave 8/20 µs) Single impulse discharge current (wave 8/20 µs)	2.5 2.5	kA kA
at 1 kV/µs - for 99 % of measured values - typical values of distribution	< 4000 < 3900	V V
Impulse spark-over voltage at 100 V/µs - for 99 % of measured values - typical values of distribution	< 3900 < 3800	V
DC spark-over voltage 1) 2)	2500 ± 20	V %

a) xxxx = S102 (100 pcs on 5 taped stripes) = T502 (500 pcs on tape and reel)

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

AB E / AB PM Issue 05, 27.10.2003

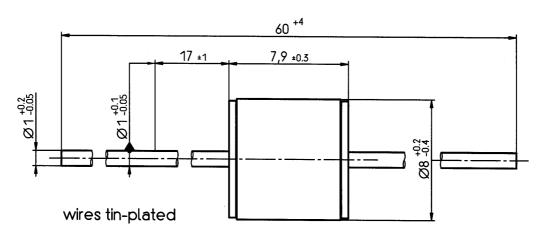
At delivery AQL 0.65 level II, DIN ISO 2859 In ionized mode



Surge Arrester A71-H25X

## 2-Electrode-Arrester

Ordering code: B88069X2190xxxx a)



Not to scale

Dimensions in mm

Non controlled document

AB E / AB PM Issue 05, 27.10.2003

<sup>©</sup> 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.