

Surge Arrester EC90X

Ordering code: B88069X0720S102

- Non radioactive

2-Electrode-Arrester

DC spark-over voltage 1)2) 90 V % ± 20 Impulse spark-over voltage - for 99 % of measured values at 100 V/µs < 500 ٧ - typical values of distribution < 450 ٧ at 1 kV/µs - for 99 % of measured values < 600 - typical values of distribution < 550 5 Nominal impulse discharge current (wave 8/20 µs) kΑ Single impulse discharge current 10 kΑ (wave 8/20 µs) 5 Nominal alternating discharge current (50 Hz, 1 s) Α 20 Alternating discharge current (50 Hz, 9 cycles) Α Insulation resistance at 50 V_{dc} > 10 $G\Omega$ рF < 1 Capacitance at 1 MHz ~ 12 ٧ Arc voltage at 1 A Glow to arc transition current ~ 0.8 Α ~ 80 ٧ Glow voltage ~ 1.5 Weight g °C Operation and storage temperature -40 ... +90 Climatic category (IEC 60068-1) 40/90/21 Marking, red **EPCOS**EC 90 YY O EC - Series - Nominal voltage 90 YY - Year of production

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

AB E / AB PM Issue 04, 18.04.2002

¹⁾ At delivery AQL 0.65 level II, DIN ISO 2859

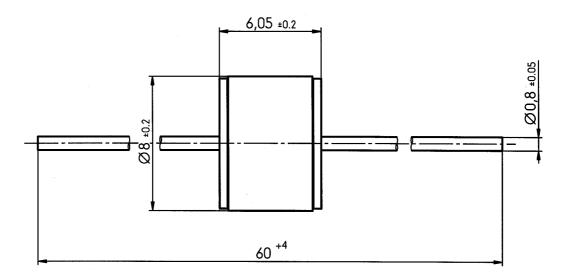
²⁾ In ionized mode



Surge Arrester EC90X

2-Electrode-Arrester

Ordering code: B88069X0720S102



Not to scale

Dimensions in mm

Non controlled document

AB E / AB PM Issue 04, 18.04.2002

[©] 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.