

**Surge Arrester** T90-A350XF Ordering code: B88069X3740C253

## 3-Electrode-Arrester

DC spark-over voltage 1) 2) 4)	350 ± 20	V %
Impulse spark-over voltage <sup>4)</sup> at 100 V/µs - for 99 % of measured values - typical values of distribution	< 850 < 750	V
at 1 kV/µs - for 99 % of measured values - typical values of distribution	< 1000 < 850	V
Nominal impulse discharge current (wave 8/20 µs) 5)	5	kA
Nominal alternating discharge current (50 Hz, 1 s) 5)	5	А
Insulation resistance at 100 V <sub>dc</sub> <sup>4)</sup>	> 1	$G\Omega$
Capacitance at 1 MHz <sup>4)</sup>	< 1.5	pF
Transverse delay time 3)	< 0.2	μs
Arc voltage at 1 A Glow to arc transition current Glow voltage	~ 10 ~ 1 ~ 60	V A V
Weight	~ 0.8	g
Storage temperature	-40 +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, blue	EPCOS 350 YY O 350 - Nominal voltage YY - Year of production O - Non radioactive	

 $<sup>^{\</sup>rm 1)}$  At delivery AQL 0.65 level II, DIN ISO 2859

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

The arrester failsafe mechanism contains a insulating foil with a melting temperature of 260 °C.

Arrester fail safe works at temperatures > 260 °C. The arrester has to be fixed mechanically, if the arrester is contacted by soldering and if the solder temperature is less than 260 °C.

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

Test according to ITU-T Rec. K.12

Tip or ring electrode to center electrode

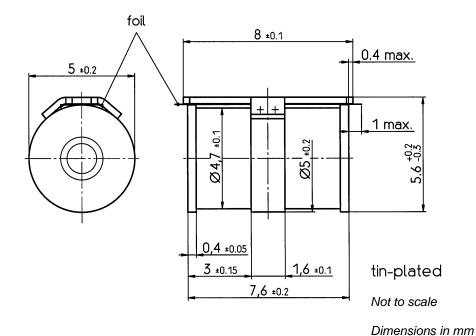
Total current through center electrode, half value through tip respectively ring electrode.



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Non controlled document

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