

Surge Arrester

3-Electrode-Arrester

Series/Type: T90-A420XSMD Ordering code: B88069X2670T902

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DC spark-over voltage 1) 2) 4) DC spark-over voltage 2) 5)	357 525 357 1200	V
Impulse spark-over voltage at 100 V/µs - for 99 % of measured values ⁴⁾ - typical values of distribution ⁴⁾	< 1000 < 800	V
at 1 kV/µs - for 99 % of measured values ⁴⁾ - typical values of distribution ⁴⁾	< 1200 < 1000	V
at 1 kV/µs - for 99 % of measured values 5) - typical values of distribution 5)	< 2200 < 1800	V
Nominal impulse discharge current (wave 8/20 µs) ⁶⁾ Single impulse discharge current (wave 10/350 µs) ⁶⁾	5 1	kA kA
Nominal alternating discharge current (50 Hz, 1 s) 6)	5	А
Impulse life 300 operations 10/1000 µs ⁵⁾	200	А
Insulation resistance at 100 V _{dc} ⁴⁾	> 1	GΩ
Capacitance at 1 MHz ⁴⁾	< 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
Operation and storage temperature	-40 +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, blue	EPCOS 420 YY O 420 - Nominal voltage YY - Year of production O - Non radioactive	

At delivery AQL 0.65 level II, DIN ISO 2859

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

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²⁾ In ionized mode

Test according to ITU-T Rec. K.12

⁴⁾ Tip or ring electrode to center electrode

⁵⁾ Tip to ring electrode

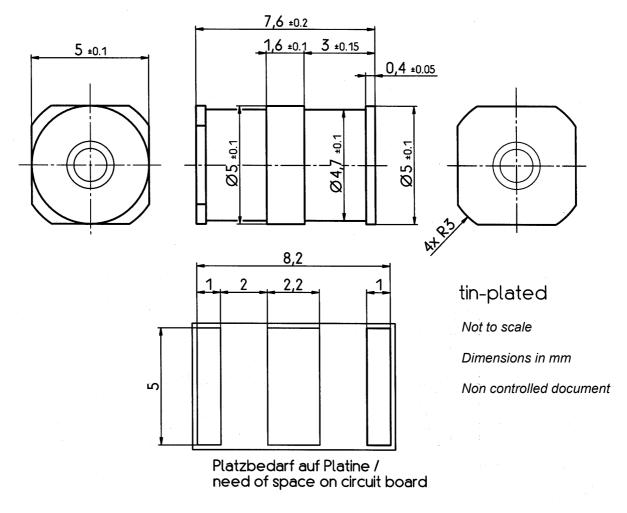
Total current through center electrode, half value through tip respectively ring electrode



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SMD-Gurtverpackung nach IEC 60286-3 / Tape and reel packing comply with the specification of IEC 60286-3

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