



Surge Arrester

3-Electrode-Arrester

Series/Type:	T63-C350XS
Ordering code:	B88069X8050B102
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DC spark-over voltage ^{1) 2) 4)}	300 ... 500	V
Impulse spark-over voltage ⁴⁾		
at 100 V/μs - for 99 % of measured values	< 800	V
- typical values of distribution	< 700	V
at 1 kV/μs - for 99 % of measured values	< 900	V
- typical values of distribution	< 800	V
Nominal impulse discharge current (wave 8/20 μs) ⁵⁾	20	kA
Single impulse discharge current (wave 8/20 μs) ⁵⁾	30	kA
Nominal alternating discharge current (50 Hz, 1 s) ⁵⁾	20	A
Alternating discharge current (50 Hz, 9 cycles) ⁵⁾	130	A
Service life ⁵⁾		
400 operations 10/1000 μs	1000	A
Insulation resistance at 100 V _{dc} ⁴⁾	> 10	GΩ
Capacitance at 1 MHz ⁴⁾	< 1.5	pF
Transverse delay time ³⁾	< 0.2	μs
Arc voltage at 1 A	~ 35	V
Glow to arc transition current	~ 1	A
Glow voltage	~ 200	V
Weight	~ 4	g
Operation and 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	

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

²⁾ In ionized mode

³⁾ Test according to ITU-T Rec. K.12

⁴⁾ Tip or ring electrode to center electrode

⁵⁾ Total current through center electrode, half value through tip respectively ring electrode.

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