



Surge arrester

3-electrode arrester

Series/Type: T23-A250X
Ordering code: B88069X8840B252
Version/Date: Issue 04 / 2007-10-18

Features	Applications
- Standard size - Extremely fast response time - Very high current rating - Stable performance over life - Very low capacitance - High insulation resistance - RoHS-compatible	- Line protection - Station protection - Base stations

Electrical specifications

DC spark-over voltage ^{1) 2) 4)}	250 ± 20	V %
Impulse spark-over voltage ⁴⁾		
at 100 V/μs - for 99 % of measured values - typical values of distribution	< 500 < 400	V V
at 1 kV/μs - for 99 % of measured values - typical values of distribution	< 600 < 550	V V
Service life		
10 operations 50 Hz; 1 s ⁵⁾	10	A
1 operation 50 Hz; 0.18 s (9 cycles) ⁵⁾	50	A
10 operations [5x (+) & 5x (-)] 8/20 μs ⁵⁾	20	kA
10 operations 8/20 μs ⁶⁾	20	kA
1 operation 8/20 μs ⁵⁾	25	kA
1 operation 10/350 μs ⁵⁾	5	kA
300 operations 10/1000 μs ⁵⁾	200	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	~ 2	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, blue negative	EPCOS 250 YY O 250 - Nominal voltage YY - Year of production O - Non radioactive	

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