



Surge arrester

3-electrode arrester

Series/Type: T83-A260XF4
Ordering code: B88069X8250B502
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Features	Applications
<ul style="list-style-type: none"> ▪ Standard size ▪ Fast response time ▪ High current rating ▪ Stable performance over life ▪ Very low capacitance ▪ High insulation resistance ▪ Reliable failsafe device ▪ RoHS-compatible 	<ul style="list-style-type: none"> ▪ Branch exchange (MDF) ▪ Line protection ▪ Station protection

Electrical specifications

DC spark-over voltage ^{1) 2) 4)}	260 ± 20	V %
Impulse spark-over voltage ⁴⁾		
at 100 V/μs - for 99 % of measured values	< 500	V
- typical values of distribution	< 450	V
at 1 kV/μs - for 99 % of measured values	< 700	V
- typical values of distribution	< 650	V
Service life		
10 operations 50 Hz, 1 s ⁵⁾	10	A
1 operation 50 Hz, 0.18 s (9 cycles) ⁵⁾	40	A
10 operations (5x (+) & 5x (-)) 8/20 μs ⁵⁾	10	kA
1 operation 8/20 μs ⁵⁾	15	kA
1 operation 10/350 μs ⁵⁾	2	kA
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	~ 2.2	g
Storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, red negative	EPCOS 260 YY O 260 - Nominal voltage YY - Year of production O - Non radioactive	

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