

Surge arrester

2-electrode arrester

 Series/Type:
 EC150X

 Ordering code:
 B88069X0880S102

 Version/Date:
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EC150X

Features	Applications	
Standard size	 Modem 	
 High current rating 	 XDSL-splitter 	
 Very fast response time 	Data lines	
 Stable performance over life 	Tuner	
 Very low capacitance 	 Antenna 	
 High insulation resistance 		
 RoHS-compatible 		

Electrical specifications

DC spark-over voltage ^{1) 2)}	150 ± 20	V %
Impulse spark-over voltage		
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	< 650	V
- typical values of distribution	< 550	V
Service life		
10 operations 50 Hz, 1 s	5	А
1 operation 50 Hz, 0.18 s (9 cycles)	20	А
10 operations 8/20 µs	5	kA
1 operation 8/20 µs	10	kA
1 operation 10/350 µs	1	kA
Insulation resistance at 50 V_{DC}	> 10	GΩ
Capacitance at 1 MHz	< 1	pF
Arc voltage at 1 A	~ 12	V
Glow to arc transition current	~ 0.8	A
Glow voltage	~ 80	V
Weight	~ 1.5	g
Operation and storage temperature	-40 +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, red positive	EPCOSEC 150 YY OEC- Series150- Nominal voltageYY- Year of productionO- Non radioactive	

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

²⁾ In ionized mode

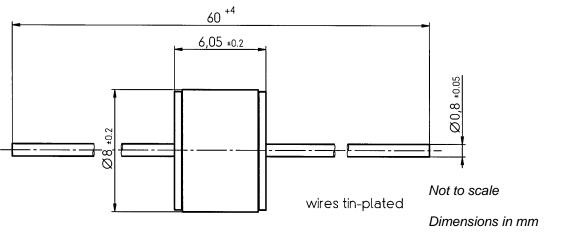
Terms in accordance with ITU-T Rec. K.12 and DIN 57845/VDE0845



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Dimensional drawing



Non controlled document

Cautions and warnings

- Surge arresters must not be operated directly in power supply networks.
- Surge arresters may become hot in the event of longer periods of current stress (danger of burning).
- Surge arresters may be used only within their specified values. In the event of overload, the lead contacts may fail or the component may be destroyed.
- Damaged surge arresters must not be re-used.

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