

Silicone Rubber Housed Surge Arresters For indoor use



Main Features

The arrester has a 10kA duty cycle performance to IEC 99-5 1996 respectively EN 60099-5/1997. The patented void free construction of this arrester design results in a unit with high strength which is impervious to the ingress of moisture.

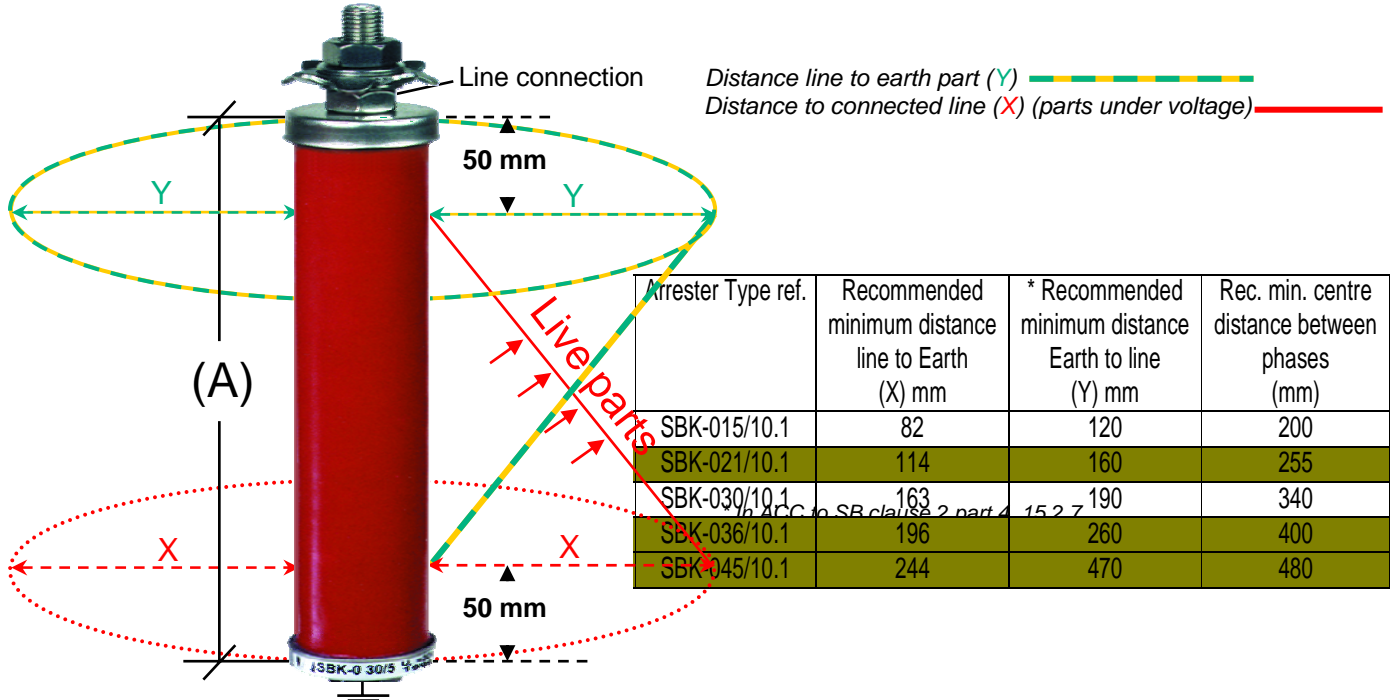
The arrester has the following features.

- No internal airspace so no moisture ingress.
- Vandal proof.
- High cantilever and torsional strength.
- Non-explosive failure mode.
- Arrester can be used for a support insulator.
- Low weight and small size.
- Resistant to transport damage and careless handling.
- Easy to install.



Electrical Performance

Classification	-10,000 Amps
Voltage Rating	-3kV to 51kV
High Current Operation Duty	-100kA
Line Discharge Class	-1
Energy Withstand	-2,8kJ/kV



Arrester Type ref.	Recommended minimum distance line to Earth (X) mm	* Recommended minimum distance Earth to line (Y) mm	Rec. min. centre distance between phases (mm)
SBK-015/10.1	82	120	200
SBK-021/10.1	114	160	255
SBK-030/10.1	163	190	340
SBK-036/10.1	196	260	400
SBK-045/10.1	244	470	480

Rated Voltage kV	Arrester Type ref	Continuous Operating Voltage (COV) kV	Temporary over-voltage Capability for 1 sec. (TOV) kV	Max. Residual voltage with current wave					Steep current residual voltage 10 kA kV crest	Overall Height / Creepage (A) mm (max)
				Switching surge		8/20 μ S				
				250 A Kv crest	500 A kV crest	5 kA kV crest	10 kA kV crest	20 kA kV crest		
15,0	SBK-015/10.1	12,0	16,1	30,1	31,2	37,2	40,0	44,4	42,8	162 / 138
21,0	SBK-021/10.1	17,0	22,5	43,7	45,2	53,9	58,0	64,4	62,1	204 / 168
30,0	SBK-030/10.1	24,0	32,1	60,2	62,4	74,4	80,0	88,8	85,6	254 / 228
36,0	SBK-036/10.1	28,8	38,5	73,8	76,4	91,1	98,0	108,8	104,9	362 / 318
45,0	SBK-045/10.1	36,0	48,2	90,4	93,6	111,6	120,0	133,2	128,4	414 / 388

