

Application:

SEL series lightning rod is a kind of product, which matches GH model ring type steel lightning rod and ZG model ring type reinforced concrete lightning rod

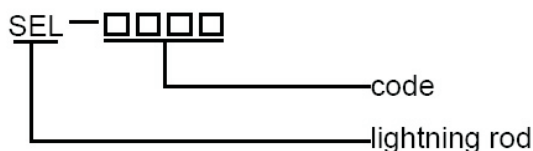
Operating principle

1. When cumulus-nimbus cloud is created , between the earth and cloud there will be produced the electric field , and the strength of the electric field will close to 5 kV/m whereas the various high points such as the protrusion and metal parts will create natural ionization .
2. Several tracers are produced at the core of the cloud and they travel to the ground by successive steps . When these descending leaders come closer, the ionization of the high points increases and produces ascending tracers.
3. The meeting of the two tracers creates an ionized path down which the cloud discharges its electric charge . The buildings on the earth will create lots of ascending tracer and the first ascending tracer which meets with the descending tracer determines the place of the lightning poin.

Product features

1. Terminating the direct lightning flash.
2. Tracing the lightning in advance and conducting it to the earth completely.
3. Descending the lightning's extent.
4. Larger protecting areas and more outstanding effect.
5. 5 years' without maintenance, which is insured by china people insurance company.

Model and meaning



parameters

(model)	Pin height H(mm)	conducting lightning current>=KA	The strength of anti-wind<=m/s	requirement of resistance to earth	weight(kg)
SEL-3000	1.05	200	30	$\leq 10\Omega$	3.70
SEL-4500	1.08	200	40	$\leq 10\Omega$	3.95
SEL-6000	1.25	300	40	$\leq 10\Omega$	17.5

Service condition: aseismatic strength: ≤ 8 degree

Use and maintenance

1. Lightning rod should be installed according to °installing regulations of lightningproof devices for constructions± and should be in reliable connection with lightning rod tower
2. Fission lightning rod should be installed as per instructions. The joint of pin body should be soldered firmly. The pulling pin and pin body should be soldered reliably,too

Order

1. the model, title and quantity should be described clearly when ordering.
2. please give remarks when needing to supply as integer.
3. the following documents will be sent together with goods when delivering. 1. quality certificate 1pc 2. manual & instruction 1pc



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