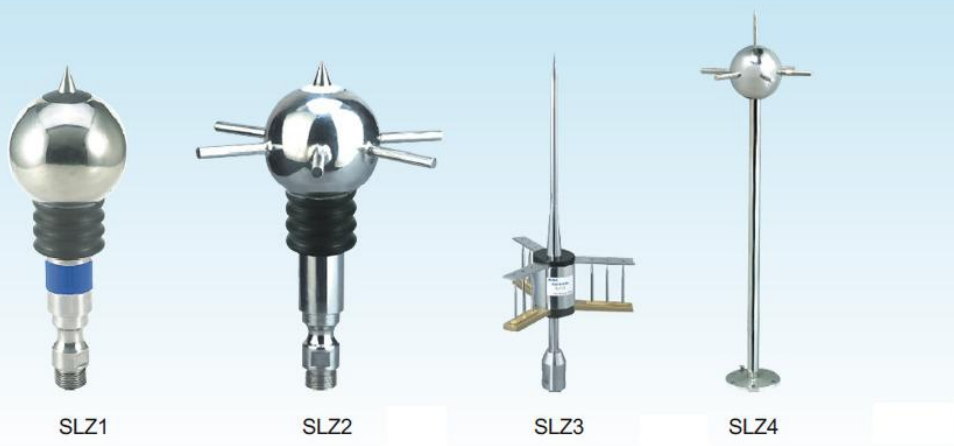


SLZ Series Pre-discharge Lightning Rod



Operating principle

SLZ ionization pre-discharge lightning rod, added 'accelerate ionization' function., so it can discharge earlier than other common lightning rods as well enlarge protective radius and safety coefficient.

SLZ□pre-discharge lightning rod

- High protection class
- Repeatedly to make the electronic ion and pre-discharge, after lightning electrical continuous and functions normally.
- Pre-discharge function
- Long life
- Protective quality no changes after lightning strike
- Active attract lighting system
- Perfect shape and reliable quality.

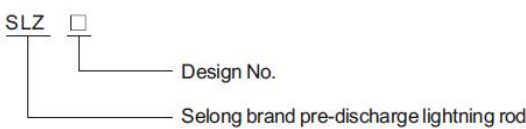
Formula of protection radius

ΔT -is the ahead of time
 L is pre-discharge distance equal $V \cdot \Delta T$.
 Protective radius R_p counting as following:
 $R_p = \sqrt{h(2D-h) + \Delta L(2D + \Delta L)}$
 1) D -is the distance of electric shock which based on the protected object class, for I, II, III comply with D value 20m,45m,60m.
 2) H - is the height from top of lightning rod to protected surface.
 3) $\Delta L = V \cdot \Delta T$, generally condition $V = 1 \text{ m} / \mu \text{ s}$

Standard lightning rod application

Be suitable for buildings, warehouses, satellite stations and airport(VOR) etc.

Denominated indication



High distance from top of the protected H(m)	Protection radius R_p (m)		
	Level 1	Level 2	Level 3
2	43	51	58
3	62	75	84
4	83	99	110
5	104	124	135
6	104	125	135
8	104	125	136
10	104	126	137
20	104	130	142
40	104	130	144

