

Lightning rod Sigma⁺ESE

ESE Lightning rod made of stainless steel AISI 316L and tested according to UNE 21186, NFC 17102 and NP 4426.

Technical Specifications:

- Double triggering device:
 - Generator anticipation of the upward leader.
 - Circuit for storing electrical charges.
- Operation in any weather condition.
- Guarantee isolation between electrodes.
- Fully autonomous and maintenance-free.
- Testable in situ with our AS Tester device.

Tests and certificates:

Tests performed at the Technological Institute of Energy (ITE) and based on the UNE 21186, NFC 17102 and NP 4426.

- Mechanical.
- Environmental.
- Electrical.
- Advance Time.

Benefits and Guarantees:

- Security Factor of 5 μ s as minimum in the radii protection.
- Efficiency at 100% discharge.
- High level of protection.
- Electrical continuity.
- No resistance to the passage of the discharge.
- Maintains its properties to the passage of each download.
- Long-term guarantee.
- Isolation guarantee between electrodes.

Standards and Installation:

- According to the requirements of the following standards:
UNE 21186 - UNE EN 62305 - NFC 17102 - NP 4426 - CTE - REBT
- For installation is recommended to follow the guidelines in these standards.

ESE LIGHTNING ROD Sigma

Reference	Model	h	Level 1 D = 20 mt	Level 2 D = 30 mt	Level 3 D = 45 mt	Level 4 D = 60 mt
800 006	Electron-E15	6 mt	37	44	52	59
800 005	SIGMA ⁺ S1	6 mt	45	55	70	85
800 002	SIGMA ⁺ S2	6 mt	65	75	90	107
800 004	SIGMA ⁺ S3	6 mt	80	90	105	120

Radius protection in meters according: CTE SU8, UNE 21186, NFC 17102 y NP 4426.

h = Height of the lightning rod relative to the plane to protect.

