

TSTLP[®] SMT-ESE60

EARLY STREAMER EMISSION AIR TERMINAL (ESE)

Start Future From Safety

Characteristics(Delta T)

Efficiency	ΔT	60μs
Standard deviation ESE / Single Rod	σ	$\sigma_{ESE} < 0.4 \sigma_{PTS}$
Lightning current withstanding test	I_{imp}	100kA (normative test)
Max. current withstanding (10/350 μ s)	I_{max}	$\geq 200kA$
Approx Net Weight	P	4.0 kg

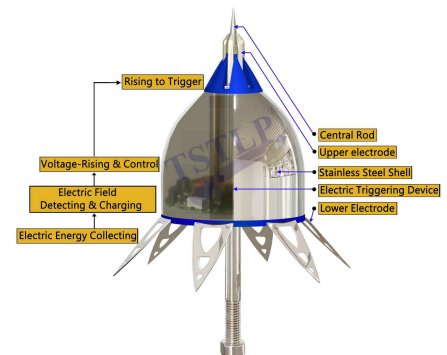
SMT-ESE60



Operating principles

Detection of download leader	Continuous measuring of electric field gradient ($\Delta E/\Delta t$)
Upward streamer development conditions	TSTLP [®] -Smart Technology optimizing the streamer development conditions
Upward streamer emission	Sparking by High Voltage Impulses
Internal circuits	6 Independent working unit
Central rod	Full electrical continuity
Metal housing	Superior Stainless Steel
On-site testing capabilities	Proprietary TSTLP [®] E.S.E. tester
Maintenance	Free (thanks to TSTLP advanced technology & superior material)
Warranty	10 ⁺ YEARS

Operating principles



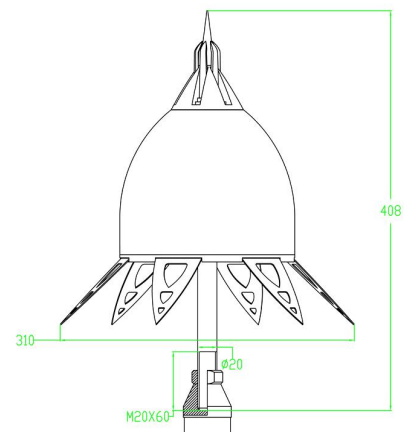
Mechanical Specification

Fixing on pole	M20 Thread
Down conductor connection	Adapter(for connecting ESE to Pole & ESE to Copper Tape/Cable)

Packing

Dimensions	230*230*450 mm box/pc, 4pc in 480*500*500mm carton
Contents	TSTLP [®] E.S.E. Head, Nut, Hex key, New Adapter
Approx GrossWeight	5.6 kg
Environmental sustainability	100% recyclable

Dimensions(mm)



Certifications

Patent Right	Available
Test / Reference Standards	<p>Patented & Worldwide Successful Tests at ACCREDITED labs from below districts with approved marks:</p> <ol style="list-style-type: none"> 1- Shenzhen -WST lab / CE mark 2- Shanghai - S.G.D.J. lab / CAL & CMA marks 3- Spain - L.C.O.E. of F²I² lab / ENAC & ilac-MRA marks 4- Romania-ICMET / Romania-RENAR & ilac-MRA marks <p>ilac-MRA: International Laboratory Accreditation Cooperation - Mutual Recognition Arrangement. 【ilac-MRA mark for global Trust & removing international (technical) barriers】</p> <p>NF C 17-102:2011 Annexe C UNE 21.186:2011 Paragraph C EN / IEC Standards</p>
TSTLP [®] / SMT-ESE60	No.1 domestically, ONE of TOP ESE Air Terminals worldwide

Download Professional Detailed Catalog @

https://drive.google.com/file/d/1Ok_HO03COLvV4JhIK3ijUv2-RYUNbfK/view?usp=sharing



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www.tspro.com

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