

# ELSAFE INDIA

Leading The Way To Safety  
Cochin - Chennai - Bangaluru - Hyderabad - UAE

www.elsafeindia.com, info@elsafeindia.com  
CONTACT US AT: 0484-2575199, 8848281812

CALL US AT

8848281812



## QUOTATION

Project Name: TEK1000-PREMIUM PACKAGE  
Quote #: 25OQTEK10001  
Company: Residential-Total Protection



These are Residential Packages for Houses at Kerala State only, ALL KERALA FREE DELIVERY, NO HIDDEN CHARGES

Revision:  
Terms: \*\*\*  
Ship via: Land Cargo  
C&F Landed at Site  
Weight: \*\*\* As applicable

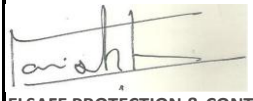
Number	Item	Description	Qty.	Unit	Unit Cost	Total Cost
		<b>Lightning Protection System</b>			(in INR)	(in INR)
1	LA TERMINAL	TeksoPrevent MODEL : TEK1000 ( Lightning Arrestor) Supply of Lightning arrestor Tekso Prevent Air terminal which is a Copper built lightning arrestor. Large protection region; High performance 2. High quaity 3. Strong anti-corrosion and conductivity	1	No	INR 23,400.00	INR 23,400.00
2	Earthing	Model : TEKSAI Copper rod 2 Nos Spec : 2 Mtr Length x 14.2 mm dia x250 micron (ISO 9001-2008 Certified Company), CPRI Approved, Maintance free Earthing. Model : TEKSAI ELECTRON - High Conductive Concrete ( High Conductive & Anti Corrosive Compound ) Application : Superior Choice & Reliable Performance for all Soil / Sandy / Rocky / Filled sand location ELECTRON -- 22 kg Bag	1	set	INR 12,000.00	INR 12,000.00
3	Down conductor	Vguard Lightning Arrestor GRADE ISI MARKED 50 Sqmm COPPER CABLE	25	Mtrs	INR 700.00	INR 17,500.00
4	Elevation Mast	Specially designed 3mtr GI mast, 1 Feet FRP Mast with LA Base, adaptor, Ancoring rope if required and Accessories	1	set	INR 3,700.00	INR 3,700.00
5	Installation	Installation	1	Nos	INR 10,000.00	INR 10,000.00
6	Surge Protector Device	LSG Protect Imported 3 Phase 50KA 1+2 Combicontrol AC Surge protection device	1	No	Complementary	Complementary
Quotation Valid For 20 days				GRAND TOTAL		INR 66,600.00

**Terms & Conditions**

- 1 Price Landed at site
- 2 Customers Scope: Material safety will be customer scope after delivery
- 3 Approvals /Permission of work/storage of tools & equipment/safety etc : At customers scope

*Thank you,*

**Best Regards**



ELSAFE PROTECTION & CONTROL SYSTEMS

**CONTACT US 08848281812**



Doc. No. : ES252612121

Rev. No. :

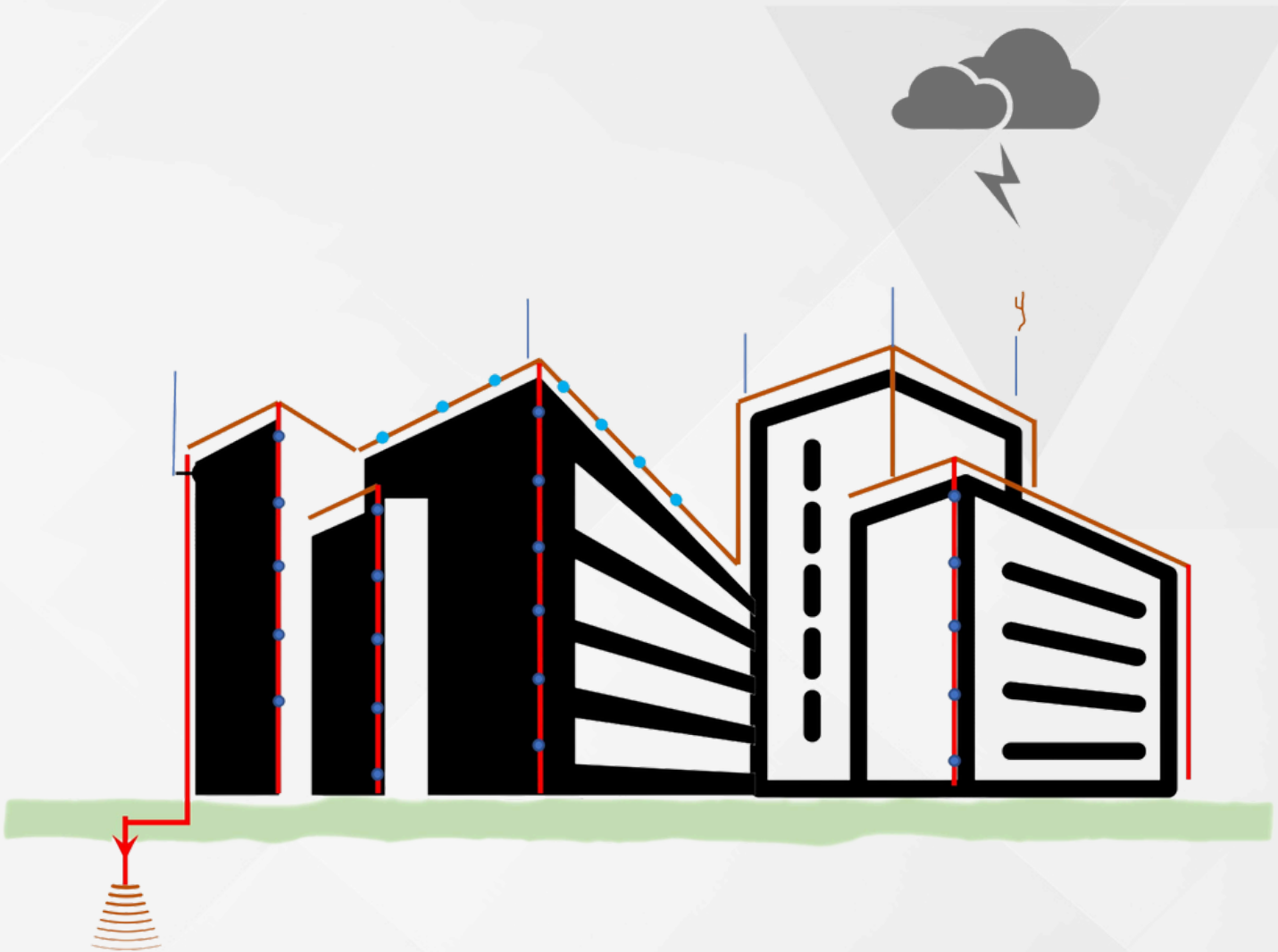
Rev. Date :

*Sales and Service Provider of ALLTEC USA / LSG FRANCE/ TEKSAI-INDIA, Lightning Arresters, Surge Arresters, Maintenance free Earthing*



# CATALOGUE

**LIGHTNING -SURGE PROTECTION  
EARTHING & BONDING**



## About us

We **ELSAFE PROTECTION AND CONTROL SYSTEMS** is a renowned company specialized towards enduring electrical safety cultures across a wide range of markets. We specialize in a total electrical safety model which includes Quality lightning protection system, surge protection system, low resistivity Chemical earthing.





## Our brands



### ALLTEC USA

ALLTEC USA is an international, full-service company specializing in customized design & engineering solutions for grounding/earthing & bonding, surge/transient protection, and lightning protection.

### LSG FRANCE

LSG is a specialist company, in the fields of lightning protection, electrical earthing and surge protection. which grow the business through dynamic technical orientation and exceptional customer service

### TEKSAI INDIA

TEKSAI is an ISO 9001-2023 certified company and a leading brand in India Since 2003 & Tekesai has proven itself leader in the Design, Manufacturing of Grounding System, Lightning Protection System & Electrical installation

## Our Certifications



**RDSO**  
Research Design & Standards Organisation



## Our Products

01

**ESE LIGHTNING ARRESTERS**

02

**CONVENTIONAL LIGHTNING ARRESTERS**

03

**SURGE ARRESTERS**

04

**EARTHING RODS , ELECTRODES AND  
EARTH COMPOUNDS**

05

**COPPER/GI/ALUMINIUM STRIPS,  
CONDUCTORS, CABLES**

06

**EXOTHERMIC WELDING**

## Our services

01

**PRODUCT SALES**

Our Stock management and Our Supply chain management is well appointed and best managed to Provide best customer experience and timely completion of Orders.

02

**SITE VISIT & DESIGN**

Understanding of the Site design, layout and their plan for electrical safety implementation all enable us to contribute efficiently; ensuring total Protection and Solution level is achieved

03

**INSTALLATION**

Our installation crews and field technicians perform all forms of exterior earth grounding and internal equipment bonding and grounding, including comprehensive turnkey installation service. Employees participate in continuing education and advancement courses and are ALLTEC Certified Master Installers.

04

**TESTING AND SUPPORT**

Our field technicians and engineers perform 3-point fall of potential tests, 4-point soil resistivity tests, and clamp-on resistance tests of grounding systems, as well as complete facility site survey and consulting services. Our staff is equipped with the latest testing equipment. Extensive experience in ground testing and design



भारतीय प्रौद्योगिकी संस्थान हैदराबाद  
Indian Institute of Technology Hyderabad





# ALLTEC



## CONVENTIONAL LIGHTNING PROTECTION





# ALLTEC



## ESE LIGHTNING PROTECTION







**LSG PROTECT**®



## SURGE PROTECTION DEVICES







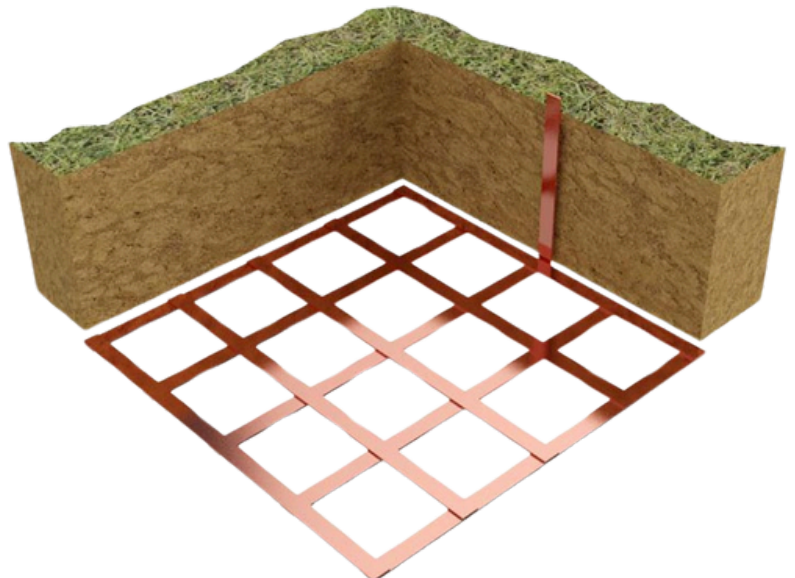
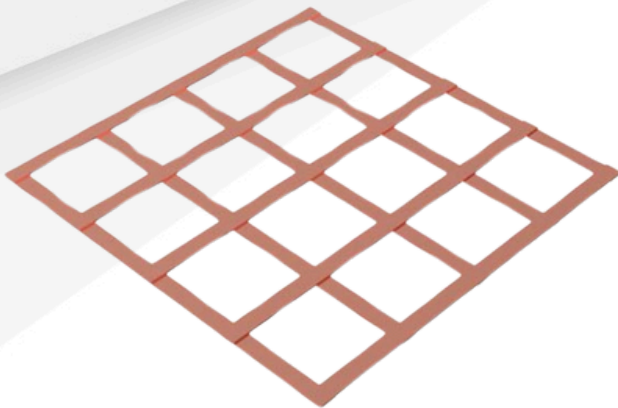
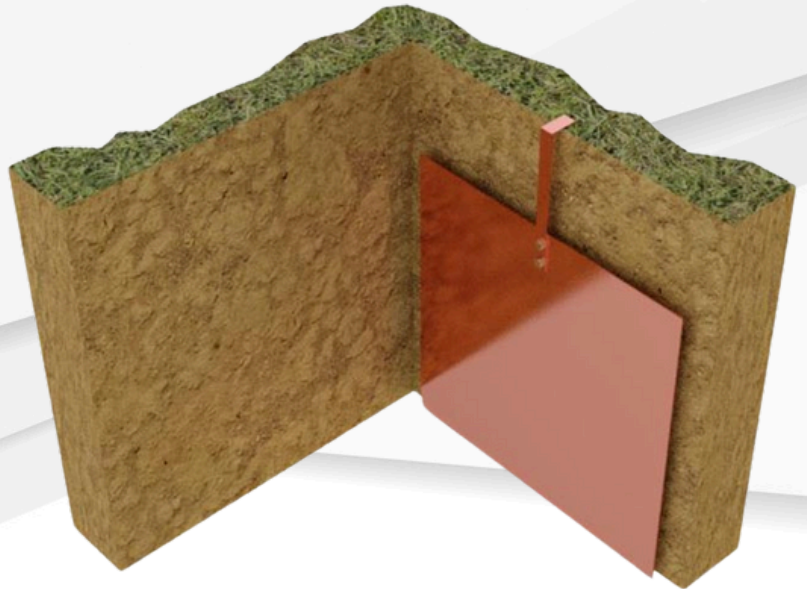
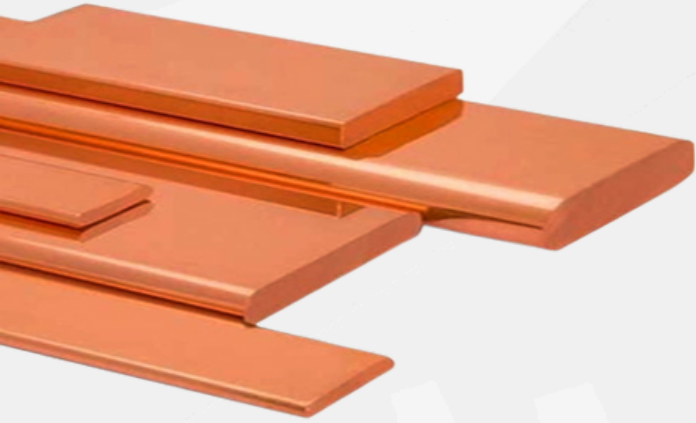
**LSG PROTECT**®



## ESE LIGHTNING PROTECTION











**EARTHING SOLUTIONS**



# COPPER/GI/ALUMINIUM CONDUCTORS







# CONTACT



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PO, Kakkanad, Ernakulam-683565  
Kerala State, India






**TEK1000  
LIGHTNING ARRESTER**







*TEK1000 is a Solid Copper Air terminal lightning protection device of 300 mm long, connecting feature of 25 x 3 mm / 70 Sq mm down conductor internally assembled with 100 mm Spherical gap Copper ball with 4 numbers of flash protection spikes (10mm diameter 100 mm long).*

*Teksai TEK1000 lightning arresters working on a simple principle of Benjamin Franklin which states lightning charges nature of finding easiest path to earth from a nearest sharpest conductor from cloud clubbed with air gap balls which gathers charges from connected earth making lightning attraction more effective.*

*One entire system of TEK1000 can protect a built-up area of 3500 Sq Ft*

*TEK1000 is fixed with 300 mm long isolated fiber glass - reinforced plastic (FRP) mast. The isolated down conductor internally connected to the air terminal inside the FRP, 3 Meter GI Mast and base Setting used for top area setting, down conductor used with insulation will be connected to chemical earthing.*

- ▲ *Provides air terminal fitted to an isolated fiberglass-reinforced plastic (FRP) mast.*
- ▲ *Our Specially designed Masts offer natural isolation properties, high strength for windy sites and low weight to minimize mast loading.*
- ▲ *Features lower-cost and Best Results at the typical shorter installation requirements.*
- ▲ *Maintenance free chemical earthing used for installation.*
- ▲ *Complies with EN 50164-1 and EN 50164-2.*
- ▲ *Approved By Central Power research institute-Bangalore (Govt. of India Lab).*
- ▲ *5 Yrs Replacement warranty and 15 Yrs Service warranty*

PROTECTION LEVEL	EFFECTIVENESS OF LIGHTNING CONDUCTOR E
I	0.98
II	0.95
III	0.90
IV	0.80



Particulars	Specification
Material	Copper
Air Rod Height	300 MM
Air Rod Diameter	100 MM
Protection Angle	65°
Corresponding Protection Radius	2.14 h
Max Impulse Current Discharge	50 KA
Average Discharge Current	25 KA
Current Gradient Less Than	40KA
Grounding Resistance	Less Than 10 Ohm
Resistible Wind Speed	Over 50m/s







[www.teksaiearthing.com](http://www.teksaiearthing.com)

*Marketing office kerala*

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*Distributor / Dealer*