KRIPAS

LIGHTNING PROTECTION

Lightning Protection & Earthing Engineer

We undertake design, supply & installation of lightning protection systems in compliance with international standards like IEC-62305 & NFPA-780, BS-EN-62305 & IS/IEC-62305. Our team of experts perform the risk assessment studies to determine the vulnerable areas of the structure to be protected and accordingly design the most efficient lightning protection scheme. This ensures the most effective placement of air terminations on the structure. Down conductors are positioned to provide the most direct path from the air termination to a low impedance grounding system, to help ensure safe and effective dissipation of the lightning impulse. Equipotential bonding of all circuits and conductors is necessary to reduce ground potential differences and to limit equipotential damage.

Lightning arrester

SPIKE

Length : 1m / 1.2m

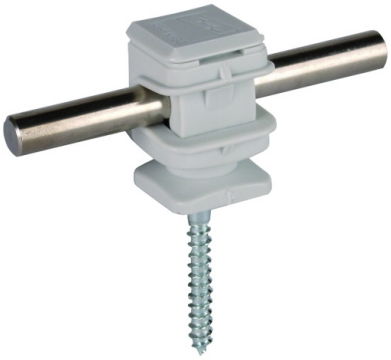
Material : Copper Bonding / Copper

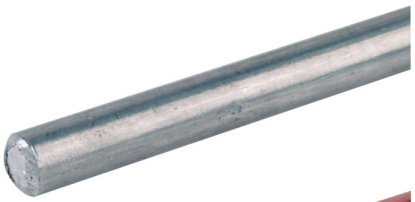
ESE

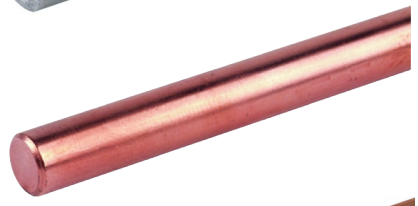
Coverage : 214m

Material : Stainless Steel

Conductor & Clamp







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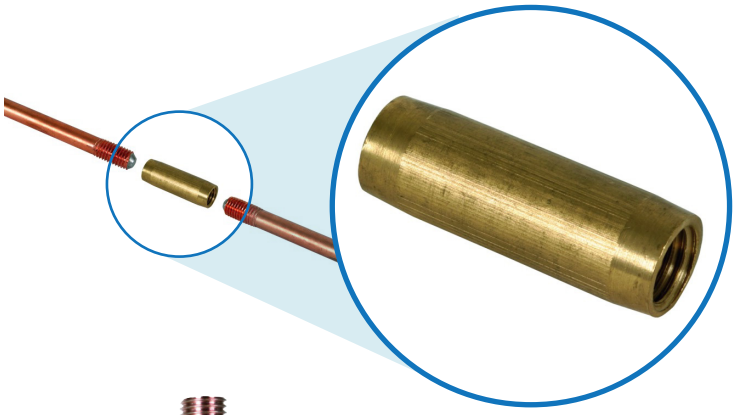
Earthing

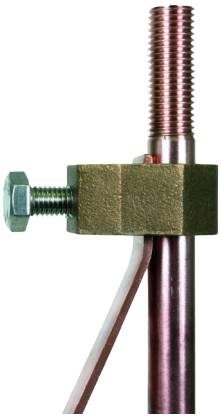
Copper Bonded Rods

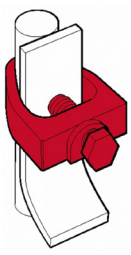
The rods are manufactured from low carbon, high tensile steel with a 99.9 % pure electrolytic copper thickness of 250 microns. Thread rolling after plating preserves the copper thickness ensuring corrosion resistance across the threads. Threads comply with ANSI/ASME B1.1-2003.

Extensible earth rods are coupled using threaded, easy to use brass couplings. Connections can be made by using bolted clamps or exothermic welding process.

By specifying UL listed earth rods you ensure full compliance to the standard UL 467. Only products bearing the UL listing mark are covered by UL's listing and follow-up service.







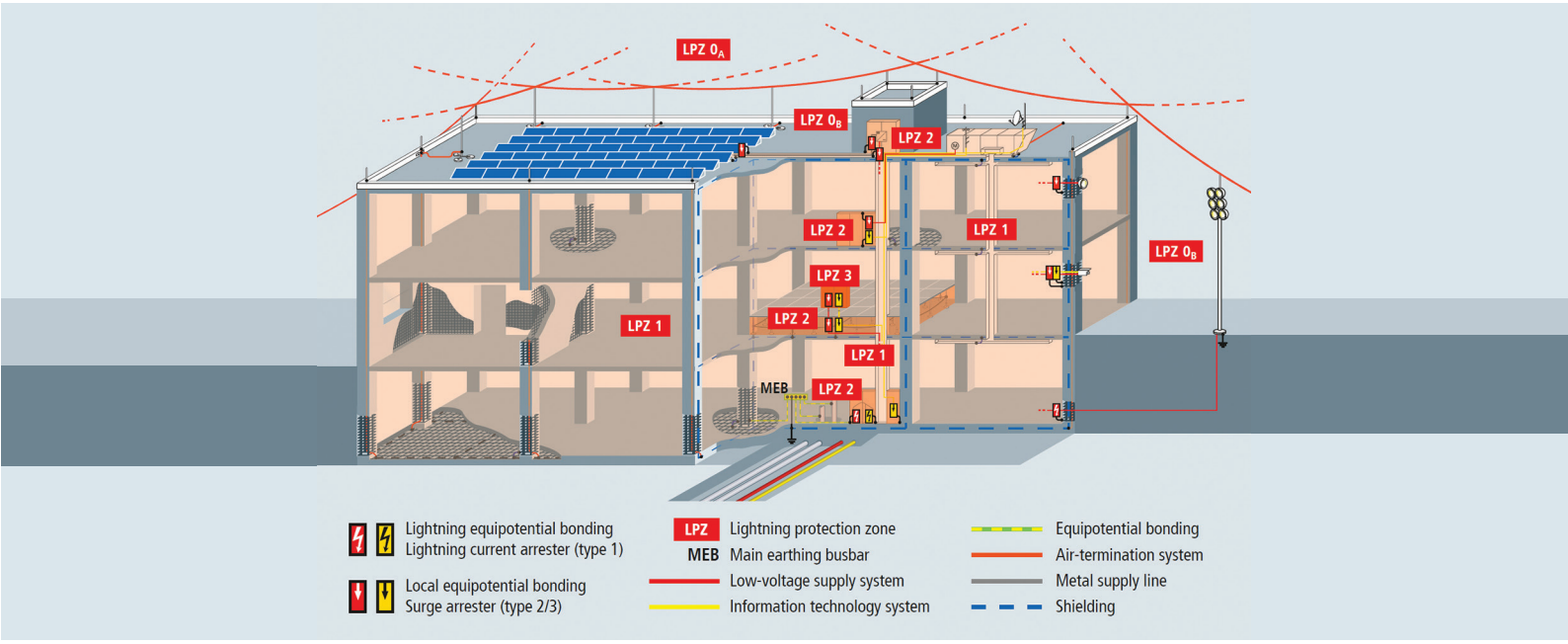
Length : 1500mm / 3000mm
Dia : 17.2mm
Copper Bonding : 250 microns
Material : Copper Bonding

Ground Enhancement material : Graphite / Carbon

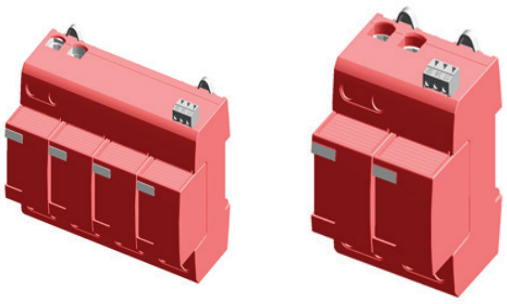
Bag : 25 kg
Material : Graphite

Surge Protection device:

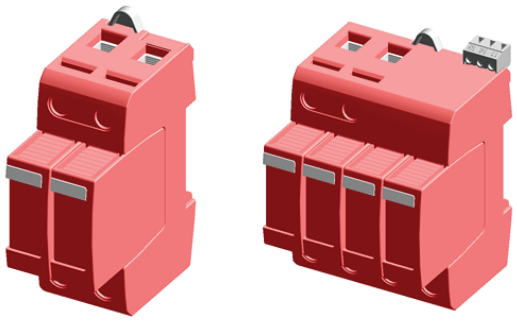
The Surge Protection Device (SPD) is a component of the electrical installation protection system.
This device is connected in parallel on the power supply circuit of the loads that it has to protect. It can also be used at all levels of the power supply network. This is the most commonly used and most efficient type of overvoltage protection.



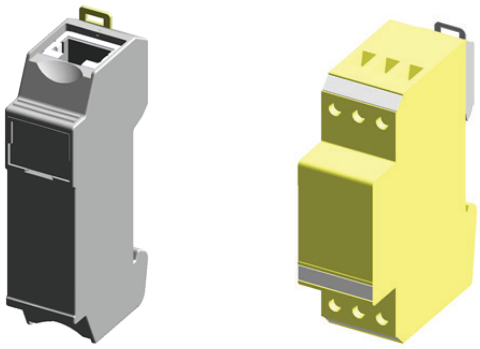
Power line Arrester Type - 1



Power line Arrester Type - 2



Data line Arrester



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