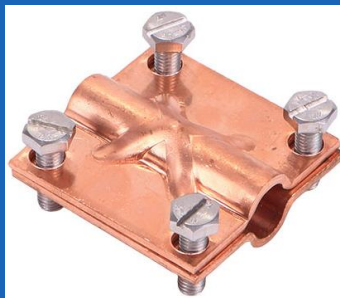
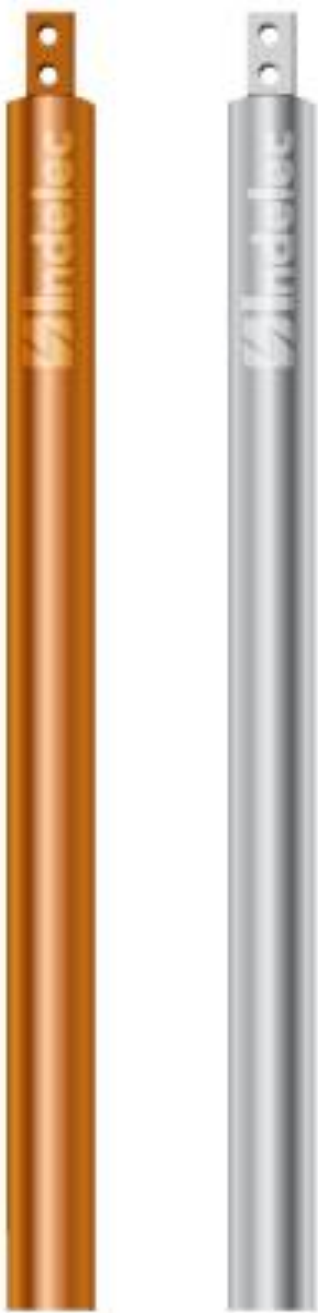




Earthing And Smart Lightning Solutions



COPPER BONDED EARTH RODS



Copper Bonded Earth rods made from high tensile low carbon steel by molecularly bonding 99.9% pure copper with a min. coating thickness of 250 microns. System is corrosion resistant & rated for high fault currents. CPRI type tested.

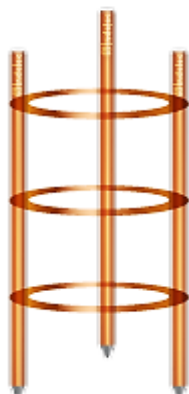
Designed & supplied with Indelec Z-Earth Backfill Compound, whose basic properties help in reducing soil resistivity and improve electrical conductivity of the earthing system while retaining moisture.



*Special size shall be available on request.

CAT Code	Rod Dia in mm	Total Length
CBR1520	15	2000
CBR1525	15	2500
CBR1530	15	3000
CBR1720	17.2	2000
CBR1725	17.2	2500
CBR1730	17.2	3000
CBR2030	20	3000
CBR2530	25	3000
CBR3230	32	3000

COPPER – TRIPOLAR



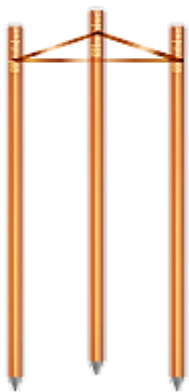
Copper Bonded Earth rods made from high tensile low carbon steel by molecularly bonding 99.9% pure copper with a min. coating thickness of 250 microns. System is corrosion resistant & rated for high fault currents. CPRI type tested.

TRIPOLAR Earthing is formed by interconnecting the 3 rods with 3 Nos. of copper bonded flanges. This solution is suitable for soil resistivity value between 50-200 ohm-m.

Designed & supplied with Indelec Z-Earth Backfill Compound, whose basic properties help in reducing soil resistivity and improve electrical conductivity of the earthing system while retaining moisture.

CAT Code	Rod Dia in mm	Total Length	CAT Code	Rod Dia in mm	Total Length
TPL1525	15	2500	TPL1725	17.2	2500
TPL1530	15	3000	TPL1730	17.2	3000

COPPER – TRIPOD



Copper Bonded Earth rods made from high tensile low carbon steel by molecularly bonding 99.9% pure copper with a min. coating thickness of 250 microns. CPRI type tested.

TRIPOD Earthing is formed by installing the copper earth clamp to ensure the connection & equipotential bonding. System is be corrosion resistant 7 rated for high fault currents.

Designed & supplied with Indelec Z-Earth Backfill Compound, whose basic properties help in reducing soil resistivity and improve electrical conductivity of the earthing system while retaining moisture.



CAT Code	Rod Dia in mm	Total Length	CAT Code	Rod Dia in mm	Total Length
TPD1525	15	2500	TPD1725	17.2	2500
TPD1530	15	3000	TPD1730	17.2	3000

HDGI EARTH RODS (STRIP-IN-PIPE)



Hot Dip Galvanized with 80-100 micron, corrosion protection, designed for fast fault current dissipation. Pipe inner space filled with high conductive material with strip. IS-marked branded mild steel pipe. Electrode systems duly tested and approved by CPRI.

As per IS 3043.

CAT Code	Pipe Dia in mm	Total Length	Strip Size
GI350	50	3000	32 X 10
GI380	80	3000	40 X 10

HDGI EARTH RODS (PIPE-IN-PIPE)



Hot Dip Galvanized with 80-100 micron, corrosion protection, designed for fast fault current dissipation with dual pipe, inner space filled with high conductive material. IS-marked branded mild steel pipe. Electrode systems duly tested and approved by CPRI.

As per IS 3043.

CAT Code	Outer Pipe Dia in mm	Inner Pipe Dia in mm	Total Length
PPGI350	50	25.4	3000
PPGI380	80	38.1	3000

Z-EARTH (BFC)



Z-EARTH has been designed to function in a soil environment where electrical conductivity is very low. It helps in reducing the soil resistivity and normalizing the soil conductivity. It forms aqueous mixture on additional water and creates conductive roots in surroundings of the earth system.

As per ROHS Directive, 2011/65 EU (ROHS2).

XGEL



XGEL (5kg part A + 5kg part B) High conductivity Earth Gel.

- Increase the no. of $\text{Cu}(2+)$ ions in the soil so it reduces its resistivity.
- Enhance virtually the dia. of the copper bonded electrode.
- Thick substance that remains around the earthing electrodes & doesn't get washed away.

Inspection Chambers



Earthing Pit Covers / Inspection Chamber are made up of High Grade Heavy Duty Polypropylene, HD PVC. These covers provide the protection and inspection of earthing pit covers.

- Finest raw materials used (mostly recycled)
- Provide protection against transients.
- Sustainable weight load up to 5000kg.

EARLY STREAMER EMISSION (ESE) – PREVECTRON 3 S60 CONNECT



Lightning is a natural phenomenon. Lightning air terminals are exposed to a very large range of events: extreme climatic conditions (temperatures, humidity...), high intensity electrical shocks up to several hundreds of thousands of Amperes, unpredictable lightning frequency.

Lightning Protection standards such as NF C 17 102, UNE 21 186 or NP4426 include detailed testing procedures that covers such extraordinary tough conditions. The PREVECTRON 3® Connect successfully passed these series of tests. Its integrated Lightning Counter was also tested according to the IEC 62 561 – 6 Edition 2 standard, confirming its full compliance to all relevant standards in the industry.

Lastly, the IoT connected system requires specific attention to work in severe electro-magnetic lightning conditions and meet the CE marking requirements. INDELEC develops dedicated testing processes, both in the LiRi Lab and in real lightning conditions, to confirm the PREVECTRON 3® Connect compatibility in such environment.

ACCESSORIES

