



G.I. Chemical Earthing Electrode (Pipe in Strip) Datasheet

Overview:

Earthing is a simple yet essential device that ensures safety for both appliances and humans in case of insulation failure or accidental short circuits. This compact device acts as a circuit breaker by safely redirecting excess current when the live wire comes into contact with the earth wire, preventing potential hazards.

Sizes:

Diameter (mm)	Length (mtr)	Thickness (mm)
48	1	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
48	2	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
48	3	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
58	1	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
58	2	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
58	3	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
65	1	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
65	2	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
65	3	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
88	1	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
88	2	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
88	3	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
100	1	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
100	2	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
100	3	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm

125	1	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
125	2	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
125	3	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
150	1	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
150	2	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm
150	3	1 mm, 1.5 mm, 2 mm, 2.5 mm, 3.3 mm, 4.5 mm

Specifications:


- **Material:** Galvanized Iron (G.I.)
- **Design:** Pipe-in-Strip structure for enhanced performance.
- **Corrosion Resistance:** Special anti-corrosion coating for extended life.
- **High Conductivity:** Ensures effective current dissipation.

Applications:

- **Power Stations:** Ensures uninterrupted and safe power supply.
- **Transmission Lines:** Enhances safety and efficiency of power transmission.
- **Lightning Protection Systems:** Grounds lightning strikes safely to prevent damage.
- **Telecom Industries:** Protects sensitive equipment and ensures signal reliability.
- **Railway Signaling:** Safeguards critical signaling systems from electrical faults.
- **CNC Machines:** Prevents damage to precision equipment due to electrical surges.
- **Data Centers:** Protects valuable data and IT equipment from power-related issues.
- **Substations:** Provides reliable grounding for enhanced operational safety.

Advantages:

- **Longer Life:** Durable and reliable for extended use.
- **Saves Your Money:** Minimizes maintenance and replacement costs.
- **Easy Installation:** Quick and straightforward setup process.
- **Cost-Effective:** Provides excellent value for its functionality.
- **Highly Conductive:** Ensures efficient flow of electricity to the ground.
- **Protection Against Electrical Overload:** Shields devices and systems from power surges.
- **Directs Electricity Safely:** Channels excess current directly to the ground.
- **Earth as a Conductor:** Utilizes the natural conductivity of the earth.

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- **Prevents Damage, Injury, and Death:** Enhances safety for both individuals and equipment.
 - **Environmentally Friendly:** Safe for use without harming the environment.
 - **Extends Device Lifespan:** Reduces damage from power surges and increases durability of electrical devices.

Vivek Earthing Pvt. Ltd. An ISO 9001 - 2015 Certified Company

This datasheet provides detailed information about the **G.I. Chemical Earthing Electrode (Pipe in Strip)** in various sizes, ensuring all relevant technical and application-specific details are covered for users and installers.