

sofamel

Product Technical Specifications

ERLAIN

Earthing and short-circuit equipment
– Overhead lines

Functionality

Earthing equipment for overhead lines.
The main objective of its installation is the protection of the worker before the accidental start-up or a possible return of voltage during the repair work.

Product Features

Grounding system for overhead lines, designed for easy operation by a single person. This system allows for voltage absence verification using a detector (not included). The metallic rod features multiple length adjustments, facilitated by actuating mechanisms on each section.

The self-locking clamp, combined with the metallic rod, enables easy and efficient assembly and disassembly by a single operator.

The set of metal pole + insulated pole has a maximum range of:

ERLAIN-3/11 → 11 m

ERLAIN-4/10 → 10,10 m



MODEL	extended length metal pole	folded length metal pole	n° DE sections metal pole	short-circuit current
ERLAIN-3/11	6,00 m	2,20 m	3	8 kA/1s
ERLAIN-4/10	5,10 m	1,50 m	4	



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Earthing and short-circuit equipment – Overhead lines

Composed of

- 3 telescopic metal poles composed of 3 or 4 parts with self-locking contact fixed clamp for conductors with diameter between 3 and 22 mm.
- 1 fiberglass + Epoxy resin and polyurethane foam filled insulating pole with 3 sections of 1.72 + 1.65 + 1.63 m (maximum length 5 m).
- 1 pole lift.
- 1 spool with 3 copper cables of 35 mm² section and 10 m length.
Note: **The maximum tightening torque of the spool is 15Nm.**
- 2 galvanized steel earthing rods with hexagonal section of 1 m.
- 1 carrying bag.

Certified

According to the standard **IEC 61230**.

Insulated pole according to the standard **IEC 60855**.