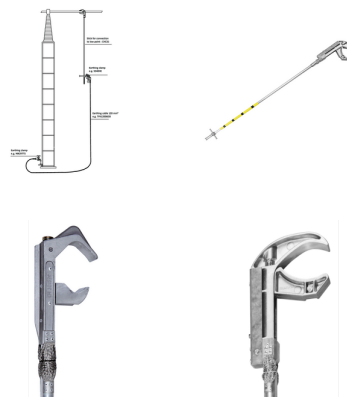




See online product sheet

/ CHC31400120

Intermediate earthing stick for connections at great height, max I_{sc} 31,5 kA/1s



/ Standards

IEC 61230

/ Use

Intermediate sticks for connections at heights are used to relieve the operator by bringing the earthing point 3 or 4 metres lower, which facilitates the various operations:

- checking for the absence of the nominal voltage,
- placing and clamping the aluminium stick on the conductor using the insulating stick,
- releasing the operating stick,
- placing the flexible earthing device between the earthing point and the earth bar,
- repeating the operation for each phase,
- carrying out the same operation in reverse order for removal.

The CHC31 conductor pole must be installed using:

- either specific CHI31 type dedicated insulating stick
- or an RTTE type insulating stick equipped with an ERTTECH end fitting

These sticks are made of IEC 60855 type foam-filled tubes, colour orange.

It is strongly recommended that they be checked regularly.

/ Technical specifications

Aluminium tube \varnothing 31/35, cross-section 207 mm², with a special light alloy contact clamp with an elastic conductor clamping system fitted at the top.

- Clamping ranges \varnothing 10 to 60 mm, \varnothing 20 to 120 mm, \varnothing 70 to 120 mm or 120 to 220 mm (depending on head type).
- The electrical contact between the line clamp and the conductor stick is made directly between the clamp and the aluminium tube as well as by 2 tin-plated copper flexible braids.

The clamp is tightened on the conductor using the lower insulated section, with the male end fitting engaged in the female end fitting.

- The bottom of the \varnothing 35 tube includes two \varnothing 30 aluminium earth studs designed to take earth clamps, type S540, S1560 for example.