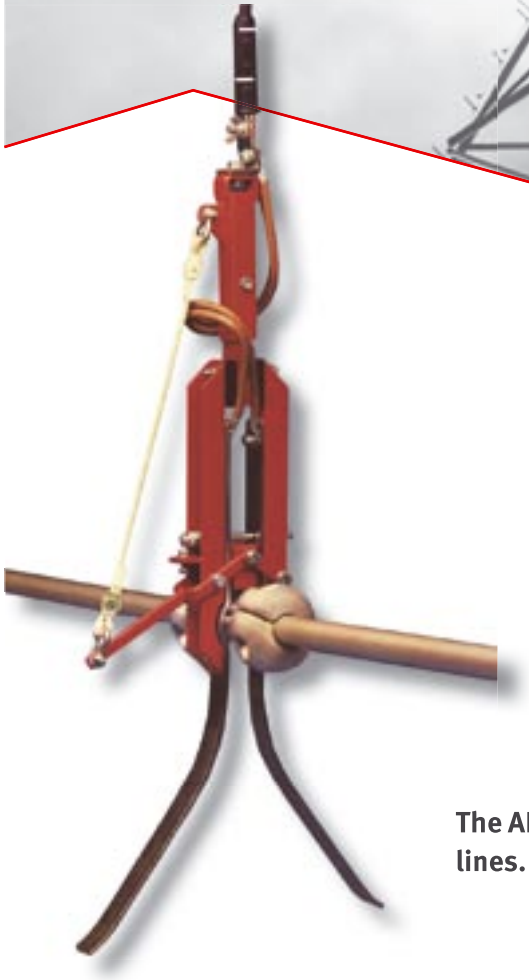
SPECIALISM



EARTHING EQUIPMENT FOR HIGH TENSION LINES

ARO-Trap

The ARO-Trap is an important tool for service operations on high tension lines. The ARO-Trap provides safety for the maintenance workers during service operations.

ACIN instruments bv

made to measure

ARO-Trap

ARO-TRAP

EARTHING EQUIPMENT FOR HIGH TENSION LINES

The ARO-Trap is a help-work-earthing device for high tension power distribution lines. If for service purposes a high tension line must be taken out of operation, the authorized person will take under more the following measures:

- at both ends of the line (in switchstations) the line is disconnected from the network and the line is according to the rules shortcircuit-safe put on to the earth.
- after this, on both sides of the service location, the line must locally be put on earth. For this the ARO-Trap is specially designed

How to use the ARO-Trap

ARO-Traps (weight 2,6 kg) can easily be carried by the man who climbs a mast. After firmly connecting the ARO-Trap calble to the earht contact in the traverse of the mast, the opened ARO-Trap is lowered by help of the earthingcable. As soon as the trap touches the line (or the earth contact on the line) it will clutch and clamp itself directly shortcircuit-safe around the conductor. After finishing the service operations the ARO-Trap can be easily be removed: by pulling on the earthing cable the trap declutches and can be removed.

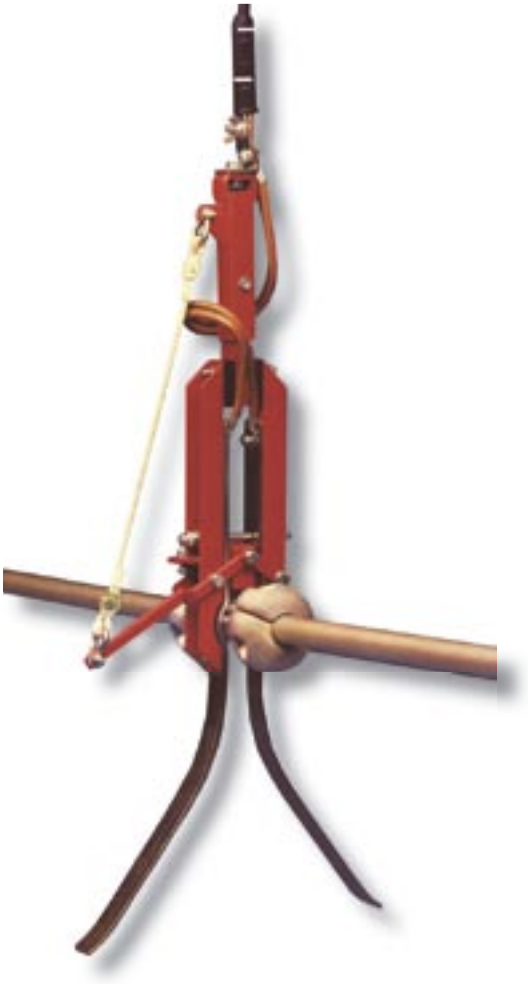
Properties of the ARO-Trap

- the system is self-adjusting and self-fixing
- modest weight and dimensions
- simple transport from switchstation to work location
- easy to carry when climbing a mast
- rather intensitive to dirt and moisture
- quick mounting and dismounting
- constant and well maintained contact
- pressure due to spring-loading
- adjustable switch moment

Accessory

A 6 meter length of earth cable is available (or lenghts desired) with a drawforce release on both ends. The state of the fixings on both cable lugs can be inspected visibly.

Patent nr 8400547



TECHNISCHE SPECIFICATIES

Nominal shortcircuit current	6000 Ampere during 1 sec.
Dimensions	750 x 300 x 70 mm
Weight excl. cable	2,6 kg
Material contacthorns	electrolitic copper, nickel plated
Material frame	steel, with corrosion resistant conservation
Material bolt connections	stainless steel
Clamp force	adjustable
Clutch-in moment	adjustable

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version 2-EN1209