

- Guidelines and Standards -

Choosing an Earthing Device - Choosing an Earthing Device

	Conductors				End			Max. Short-circuit current (kA/s)
	Cylindrical	Rectangular	Square	Fixed Ball Points	AP (hexagonal)	B (bayonet)	CR (ring), M("handle")	
HTA								
OVERHEAD NETWORK								
Clamp								
MT535URU	Ø 3-25					AP-B-CR		25
Clamp								
N3B8	Ø 6-25							31.5
T701 (clamp spool)								
TRANSFORMER SUBSTATION								
Clamp								
NBD25	Ø 6-22	20	X	25		AP-B-CR-M		23
MT516	Ø 5-16	0-16						14.5
MT416			40-16					14.5
MT525	Ø 5-30							14.5
MT535	Ø 5-35	16-40	5-40					20
Clamp								
N3B8								31.5

- Complete Systems for Overhead Lines -

AUTOCLAM - Earthing to post for Overhead Lines

Standard : IEC61230

Use : Three-phase device (or higher) for short-circuiting or earthing a bare overhead line whose allowable short-circuit current is 8 kA/1 s to 17,5kA/1s.
Use: earthing of overhead lines with 2 to 5 conductors.

The "stacking" or "piggy-back" design of the clamps removes the need for bulky standard clamp-holders and has the potential to accommodate 2, 3, 4 or 5 clamps. Single clamp weight: 0.560 kg
Ergonomical aspects: all the clamps are lined-up for increased facility in adjusting the position on the cable. Equipped with a patented clamp-locking system: only the highest clamp may be activated. The clamps are automatically released as soon as they are locked onto the conductor. This facilitates correct earthing sequences, limiting potential errors.
The upper surface of the clamp mouth lines up with the jaw of the clamp situated above. Each clamp facilitates the installation of the cable of the clamp above.
Recovery of the clamps takes place using the fixing hook attached to the clamp-holder adaptor.

Specification of Clamps for Autoclam GDC325:

Pre-configured clamps for bare conductors of 3 mm to 32 mm diameter.

Complete system comprising:

- 3 clamps ref. GDC332 (17,5kA-1s) with 32 mm opening, clamp weight: 560 g,
- 2 short-circuiting cables (8 kA-1s) with waterproof crimped connections of section 35 mm², length 2.75 m,
- 1 earthing cable (1000 A-1s) with waterproof crimped connections of section 16 mm, length 16 m,
- 1 earth cable storage spool (T702) fitted with clamp for hexagonal earthing rods,
- 1 tool for fitting and removal, adaptor ref. GDC24,
- 1 hexagonal earthing rod, ref. 701 (TD10P),
- 1 case ref. TD386 dimensions 640 x 240 x 160 mm, weight 4.180 kg,
- 1 insulated telescopic stick with universal end fitting (1,20 m - 2 m), ref. TR276U,
- 1 soft case, ref. HTR11-100.

Specification	Reference
AUTOCLAM8TC	Earth Cable on Spool with fitted clamp
AUTOCLAM8NC	Earth Cable with clamp ref. N3B8

Réf.	Icc	Short-circuit cables
AUTOCLAM8	8kA/1s	35 mm ²
AUTOCLAM17	17.5kA/1s	70 mm ²



GDC - Tool for fitting and removal of AUTOCLAM system clamp GDC325

The adjustable angle of the tool with universal end fitting facilitates the installation of the system from the post

Réf.	Description
GDC24	Remover with universal end fitting
GDC21	Remover with APV end fitting (hexagonal, 12 mm)
GDC25	Remover for sticks with hooks
GDC27	Remover for sticks with bayonet

