

Specification for short-circuiting and earthing systems



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COMST

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A Network, electrical installation characteristics

Network voltage: _____ kV Max. short-circuiting current (1s): _____ kA
 Nature of the conductive materials: Basis Al Basis Cu

Overhead lines

- Dia. or section of the conductors: min. _____
 max. _____

Switchboard or substation

- Round bars dia. (mm): mini. _____ maxi. _____
- Length = _____
- Flat bars
 - H type Thickness = _____
 - V type Length = _____
 - Thickness = _____
- Fitting on edge face Fitting on side face

B Characteristics of the earthing system

- Selected sketch (out of the three standard types shown below)
- Distance between live conductors (m): _____, between live conductors and grounding point (m) _____
- To place the clamps in position, the operator will stand: above the conductors under the conductors
 at the conductors level
- For cable sections, please indicate max. ΔT or min. dia. of the conductor _____

C Earthing connection point

- Earth rods: dia. or thickness on side face (mm): _____ Flat bar, angle-bar, thickness (mm): _____
- Round conductor dia. (mm): _____

D Operating stick

- Insulating stick: total length _____ Fixed Connectable stick Telescopic

Characteristics

- Selected connection type: Sketch n° _____
- Contact clamps (type MT- _____)
- Short-circuiting cable
 - Length (m) _____
 - Dia. or section (mm, mm²) _____
- Grounding cable
 - Length (m) _____
 - Dia. or section (mm, mm²) _____
- Connection of cables on clamps, earth clamps, trifurcation
 - Direct connection by screw and nut
 - Connection by means of crimped lugs
- Earth clamp, type _____
- Presence of a reel _____
- Insulating stick, type _____

Sketch N°1

Sketch N°2

Sketch N°3

Accessories

- Carrying bag for sticks
- Canvas bag for equipment
- Carrying case for equipment
- Cable reel



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