

# Specification for short-circuiting and earthing systems



## A Network, electrical installation characteristics

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

### Overhead lines ☐

- Dia. or section of the conductors: min. \_\_\_\_\_  
 max. \_\_\_\_\_

### Switchboard or substation ☐

- Round bars dia. (mm): mini. \_\_\_\_\_ maxi. \_\_\_\_\_

Length = \_\_\_\_\_

- Flat bars 
 H type ☐  
 V type ☐
 Thickness = \_\_\_\_\_  
 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.  $\Delta T$  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 ☐

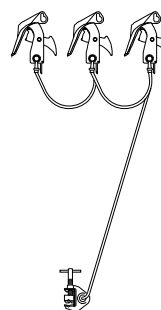
## Characteristics

- Selected connection type: Sketch n° \_\_\_\_\_
- Contact clamps (type MT- \_\_\_\_\_)
- Short-circuiting cable
  - Length (m) \_\_\_\_\_
  - Dia. or section (mm, mm<sup>2</sup>) \_\_\_\_\_
- Grounding cable
  - Length (m) \_\_\_\_\_
  - Dia. or section (mm, mm<sup>2</sup>) \_\_\_\_\_
- 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 \_\_\_\_\_

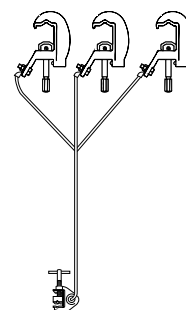
Sketch N°1



Sketch N°2



Sketch N°3



### Accessories

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

