

Cable termination indoor and outdoor, premoulded SOT 12-36 kV

- Cold-applied
- No special tools
- Premoulded for easy and safe installation
- Minimal cable stripping
- Active pressure
- Few components
- Long shelf life

Use

Premoulded termination for XLPE-insulated cables 1- or 3-core with Al or Cu conductors for 12-36 kV.

The indoor termination can also be installed in a humid indoor environment.

Standard

Meets the requirements of:

CENELEC

– HD 629.1 S1

– IEEE 48 1996*

Design

Premoulded cable termination made of rubber with integrated field control and top sealing. The outdoor variant has permanent sheds which give a prolonged creepage distance.

The terminations are supplied in kits for 1- or 3-phase cables.



SOT 1- and 3-core indoor.

SOT 1- and 3-core outdoor.

Kits with outdoor terminations for 3-core cables include crutch seal and protective heat shrink hoses.

| Designation | Weight kg/kit | Designation | Weight kg/kit | XLPE-Ø mm | Conductor cross section mm ² | | |
|---|------------------|---|------------------|--------------|--|-----------|-----------|
| | | | | | 12 kV | 24 kV | 36 kV |
| Indoor termination 3-core / 3 x 1-core | | Indoor termination 1-phase kit | | | | | |
| SOT 241 A-3 | 0.60 | SOT 241 A | 0.20 | 11-15 | 10-35 | 10 | – |
| SOT 241-3 | 0.60 | SOT 241 | 0.19 | 15-28 | 50-185 | 25-120 | – |
| SOT 242-3 | 0.70 | SOT 242 | 0.23 | 24-39 | 240-500 | 150-400 | – |
| SOT 242 B-3 | 0.90 | SOT 242 B | 0.30 | 38-54 | 630** | 500-630** | – |
| Outdoor termination incl. crutch seal for 3-core | | Outdoor termination 1-phase kit | | | | | |
| SOT 243 A-3 | 1.90 | SOT 243 A | 0.31 | 11-15 | 10-35 | 10 | – |
| SOT 243-3 | 1.80 | – | – | 15-24 | 50-120 | 25-70 | – |
| SOT 244-3 | 2.00 | – | – | 22-33 | 150-300 | 95-240 | – |
| SOT 245-3 | 2.50 | – | – | 31-40 | 400-500 | 300-400 | – |
| Outdoor termination 3 x 1-core | | Outdoor termination 1-phase kit | | | | | |
| SOT 243-31 | 0.80 | SOT 243 | 0.27 | 15-24 | 50-120 | 25-70 | – |
| SOT 244-31 | 0.90 | SOT 244 | 0.30 | 22-33 | 150-300 | 95-240 | – |
| SOT 245-31 | 1.11 | SOT 245 | 0.38 | 31-40 | 400-500 | 300-400 | – |
| SOT 246-31 | 1.50 | SOT 246 | 0.51 | 38-54 | 500-630** | 500-630** | – |
| Indoor/outdoor termination 3 x 1-core | | Indoor/outdoor termination 1-phase kit | | | | | |
| SOT 361-31 | 1.40 | SOT 361 | 0.42 | 26-39 | – | – | 95-300 |
| SOT 362-31 | 1.60 | SOT 362 | 0.52 | 38-54 | – | – | 400-630** |

* Is valid for outdoor terminations (SOT 243 A-SOT 246).

** Can be mounted on cables with 800 and 1000 mm², by using silicone rubber tape IA 2342 as top seal, see "General accessories".

For selecting accessories see the following pages.

- The range can be used for different screen types

Earthing kit for cable terminations, JXT 1-3 and JSA 4-6

Earthing kits for XLPE-insulated cables with earth screen of copper tape or aluminium foil. The kits are designed for Kabeldon terminations and connectors. There is enough material in the kits for three 1-core cable terminations.

There are also complete kits for 1-core cable.

JXT 1-3 contains copper stockings which are connected to the screen with constant force springs.

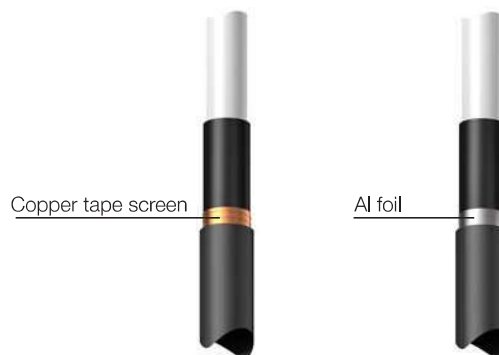
Cables with aluminium foil screen

JSA 4-6 contains copper braids which are connected to the screen with a plate and constant force springs.

Cables with copper tape screen

If the cable has only copper wire screen, no earthing kit is needed.

For cables with other screen types, or 3-core cable with Cu-tape screen, contact us for information.



| Cable | For cables with copper tape screen | | | For cables with aluminium foil screen | | |
|-------------------|------------------------------------|---------|---------|---------------------------------------|---------|---------------|
| | 15 – 25 | 20 – 30 | 31 – 50 | 20 – 30 | 25 – 40 | 20 – 30 |
| Earthing kit | JXT 1 | JXT 2 | JXT 3 | JSA 4 | JSA 5 | JSA 6 |
| Cable accessories | | | | IV-tape | IV-tape | Shrink sleeve |
| SOT 241 | X | | | X | | X |
| SOT 242 | | X | | | X | |
| SOT 242 B | | | X | | | |
| SOT 243 | X | | | X | | |
| SOT 244 | | X | | X | | X |
| SOT 245 | | | X | | X | |
| SOT 246 | | | X | | | |
| SOT 361 | | | X | | X | |
| SOT 362 | | | X | | | |
| SOC 250 | X | | | X | | X |
| SOC 400-1 | | X | | X | | X |
| SOC 400-2 | | X | | X | | X |
| SOC 630-1 | | X | | X | | X |
| SOC 630-2 | | X | | X | | X |
| KAP 630-11 | X | | | X | | X |
| KAP 630-12 | X | | | X | | X |
| KAP 630-22 | | X | | | X | |