

Premolded cable termination for 1-core cable with Cu-tape screen



Use

Premolded cable termination for XLPE- and EPR-insulated 1-core cables with Al or Cu conductors and Cu-tape screen for 7.2–36 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

Premolded cable termination made of silicone rubber with integrated field control and top sealing. The outdoor type is provided with permanent sheds for extended creepage distance.

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

The kits includes copper braids and constant force springs for connection of the Cu-tape screen to earth.

One kit includes material for three single core terminations.

Note:

- Cable lugs are to be ordered separately.

Always select products by Insulation diameter.

Insulation diameter Ø mm	Conductor cross section					Designation	Size of copper braid mm ²
	7.2 kV mm ²	12 kV	17.5 kV	24 kV	36 kV		
Indoor termination for three 1-core cables with Cu-tape screen							
10.5–15	16–50	–	–	–	–	SOT 101–3 R	10
12.9–25.8	70–185	–	–	–	–	SOT 102–3 R	10
21.5–34.9	240–400	–	–	–	–	SOT 103–3 S	22
11–15	–	16–35	–	–	–	SOT 241A–3 R	10
15–26	–	50–120	25–95	–	–	SOT 241–3 R	10
15–26	–	150–185	120–185	35–120	–	SOT 241–3 S	22
24–39	500–630	185–240	–	–	–	SOT 242–3 S	22
24–39	–	300–630	240–500	150–400	–	SOT 242–3 T	22
26–39	–	–	–	–	70–185	SOT 361–3 T	22
26–39	–	–	–	–	240–300	SOT 361–3 U	35
Outdoor termination for three 1-core cables with Cu-tape screen							
11–15	25–50	16–35	–	–	–	SOT 243A–3 R	10
15–24	70–185	50–150	25–120	–	–	SOT 243–3 R	10
15–24	–	–	–	35–70	–	SOT 243–3 S	22
22–33	240–400	185–240	150–185	95–120	–	SOT 244–3 S	22
22–33	–	300–400	240–300	150–240	–	SOT 244–3 T	22
31–40	500–630	500–630	400–500	300–400	–	SOT 245–3 T	22
26–39	–	–	–	–	70–185	SOT 361–3 T	22
26–39	–	–	–	–	240–300	SOT 361–3 U	35