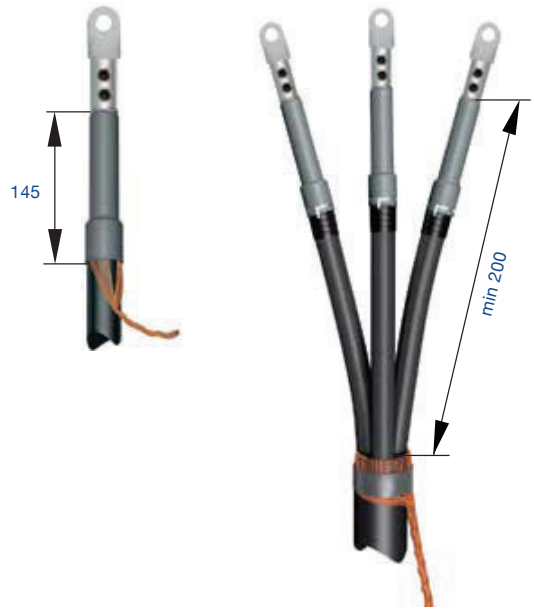
SOT 7.2 kV

Premolded cable termination, indoors



Use

Premolded cable termination for XLPE- and EPR-insulated cables 1- or 3-core with Al or Cu conductor for 6.6 / 7.2 kV, indoors. It can also be installed in an indoor humid environment*.

Standards

Meets the requirements of:

- CENELEC, HD 629.1 S1

Design

Premolded cable termination made of silicone rubber with integrated field control.

The length of the termination is approximate 145 mm which also makes it suitable for installations in narrow spaces.

The termination is supplied in kits for 3 single-core cables.

Note:

- Cable lugs are to be ordered separately.
- Branch seal TSH for 3-core cable is to be ordered separately.

* For the best watertightness in an indoor humid environment, order branch seal kit TSH. See page 55.

Always select products by Insulation diameter.

Insulation diameter mm	Conductor cross section mm^2	Designation	Weight kg/kit
3-core / three 1-core			
10.5–15	10–35	SOT 101–3	0.2
12.9–25.8	50–185	SOT 102-3	0.2
21.4–34.9	185–500	SOT 103-3	0.2

SOT SCL 12–36 kV

Premolded cable termination, indoors and outdoors, complete



SOT 1- and 3-core outdoor.



SOT 1- and 3-core indoor.

* For the best watertightness in an indoor humid environment, order branch seal kit TSH. See page 55.

Always select products by Insulation diameter.

Use

Premolded cable termination for XLPE- and EPR-insulated 1- or 3-core cable with Al- or Cu- conductor for 12–36 kV. The indoor termination can also be installed in a humid indoor environment*.

Standards

Meets the requirements of:

- SS 424 14 45 edition 1
- IEEE 48 1996
- CENELEC HD 629.1

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 cable termination is supplied in kits for 1- or 3-core cables. The kits include:

- Bi-metalic shear-off cable lugs SCL-B for Al- and Cu-conductor. The cable lug has bolts which breaks off once the correct torque is reached.
- Branch seal and protective heat-shrink hoses in kits for outdoor, 3-core cables.

Insulation diameter	Conductor cross section			Designation	Weight	Designation	Weight
	12 kV	24 kV	36 kV				
mm	mm²				kg/kit		kg/kit
				3-core / 3 x 1-core indoor		**1-core indoor**	
11–15	10–35	10–16	–	SOT 241 A–3 SCL2	0.90	SOT 241 A SCL2	0.30
15–26	50–150	25–95	–	SOT 241–3 SCL3	1.35	SOT 241 SCL3	0.45
24–39	185–300	120–300	–	SOT 242–3 SCL5	1.80	SOT 242 SCL5	0.60
24–39	400	400	–	SOT 242–3 SCL5B	3.30	–	–
24–39	500	500	–	SOT 242–3 SCL6	3.40	SOT 242 SCL6	1.15
38–54	630	630	–	SOT 242 B–3 SCL6	3.60	SOT 242 B SCL6	1.20
				3-core outdoor including branch seal kit		**1-core outdoor**	
11–15	10–35	10–16	–	SOT 243 A–3 SCL2	2.20	SOT 243 A SCL2	0.40
15–24	50–150	25–95	–	SOT 243–3 SCL3	2.55	SOT 243 SCL3	0.55
22–33	185–300	120–300	–	SOT 244–3 SCL5	3.05	SOT 244 SCL5	0.70
31–40	400	400	–	SOT 245–3 SCL5B	5.10	SOT 245 SCL5B	1.30
31–40	500–630	500–630	–	SOT 245–3 SCL6	5.20	SOT 245 SCL6	1.40
				3-core indoor / outdoor including branch seal kit			
26–39	–	–	70–300	SOT 361–3 SCL5	3.10	–	–
				3 x 1-core outdoor			
11–15	10–35	10–16	–	SOT 243 A–31 SCL2	1.10	–	–
15–24	50–150	25–95	–	SOT 243–31 SCL3	1.65	–	–
22–33	185–300	120–300	–	SOT 244–31 SCL5	2.15	–	–
31–40	400	400	–	SOT 245–31 SCL5B	4.10	–	–
31–40	500	500	–	SOT 245–31 SCL6	4.20	–	–
38–54	630	630	–	SOT 246–31 SCL6	5	–	–
				3 x 1-core indoor / outdoor		**1-core indoor / outdoor**	
26–39	–	–	70–300	SOT 361–31 SCL5	2.45	SOT 361 SCL5	0.82
38–54	–	–	400–630	SOT 362–31 SCL6	4.30	SOT 362 SCL6	1.45

SOT 12–36 kV

Premolded cable termination, indoors and outdoors



SOT 1- and 3-core outdoor.



SOT 1- and 3-core indoor.

Use

Premolded cable termination for XLPE- and EPR-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

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 termination is supplied in kits for 1- or 3-core cables.

- 3-phase kits for outdoor use include branch seal and protective heat-shrink hoses.

Note:

- Cable lugs are to be ordered separately.

* For the best watertightness in an indoor humid environment, order branch seal kit TSH for 3-core cables. See page 55.

Always select products by Insulation diameter.

Insulation diameter	Conductor cross section 12 kV	24 kV	36 kV	Designation	Weight	Designation	Weight
mm	mm²				kg/kit		kg/kit
				Indoor termination incl. branch seal for 3-core			
11–15	10–35	10–16	–	SOT 241A–3C	0.9	–	–
15–26	50–95	25–50	–	SOT 241–3C	0.9	–	–
15–26	120–185	70–120	–	SOT 241–3D	1.3	–	–
24–39	185–400	150–400	–	SOT 242–3D	1.4	–	–
				Indoor termination 3-core / 3 x 1-core		**Indoor termination 1-phase kit**	
11–15	10–35	10–16	–	SOT 241 A–3	0.60	SOT 241 A	0.20
15–26	50–185	25–120	–	SOT 241–3	0.60	SOT 241	0.19
24–39	185–500	150–400	–	SOT 242–3	0.70	SOT 242	0.23
38–54	630**	500–630*	–	SOT 242 B–3	0.90	SOT 242 B	0.30
				Outdoor termination incl. branch seal for 3-core		**Outdoor termination 1-phase kit**	
11–15	10–35	10–16	–	SOT 243 A–3	1.90	SOT 243 A	0.31
15–24	50–150	25–70	–	SOT 243–3	1.80	–	–
22–33	150–300	95–240	–	SOT 244–3	2.00	–	–
31–40	400–500	300–400	–	SOT 245–3	2.50	–	–
				Indoor / outdoor termination 3-core		**Indoor / outdoor termination 1-phase kit**	
–	–	–	–	SOT 361–3	–	–	–
				Outdoor termination 3 x 1-core		**Outdoor termination 1-phase kit**	
15–24	50–150	25–70	–	SOT 243–31	0.80	SOT 243	0.27
22–33	150–300	95–240	–	SOT 244–31	0.90	SOT 244	0.30
31–40	400–500	300–400	–	SOT 245–31	1.11	SOT 245	0.38
38–54	500–630**	500–630*	–	SOT 246–31	1.50	SOT 246	0.51
				Indoor / outdoor termination 3 x 1-core		**Indoor / outdoor termination 1-phase kit**	
26–39	–	–	70–300	SOT 361–31	1.40	SOT 361	0.42
38–54	–	–	400–630*	SOT 362–31	1.60	SOT 362	0.52

* Can be mounted on cables with 800 and 1000 mm² by using silicone rubber tape IA 2342 (1 per kit) as top seal, see page 62.