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