

Premolded cable termination, indoors and outdoors SOT 12–36 kV

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.



* For the best watertightness in an indoor humid environment, order branch seal kit TSH. See page 3/46.

Note:

- Cable lugs are to be ordered separately.

Always select products by cable insulation diameter.

Insulation diameter mm	Conductor cross section			Designation	Weight	Designation	Weight
	12 kV	24 kV	36 kV		kg/kit		kg/kit
	mm ²			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 5/3.