



CABLE JOINTS, CABLE TERMINATIONS, CABLE GLANDS, CABLE CLEATS  
FEEDER PILLARS, FUSE LINKS, ARC FLASH, CABLE ROLLERS, CUT-OUTS

11kV 33kV CABLE JOINTS & CABLE TERMINATIONS  
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## Cable termination indoor, prefabricated SOT 10 kV

- Cold-applied
- Can be used in small spaces
- No special tools
- Prefabricated for easy and safe installation
- Minimal cable stripping
- Active pressure
- Few components
- Long shelf life

### Use:

Prefabricated cable termination for XLPE-insulated cables with Al or Cu conductor for 6.6/10 kV, indoors.

### Standards:

Meets the requirements of:  
CENELEC  
– HD 628.1 S1  
– HD 629.1 S1

### Design:

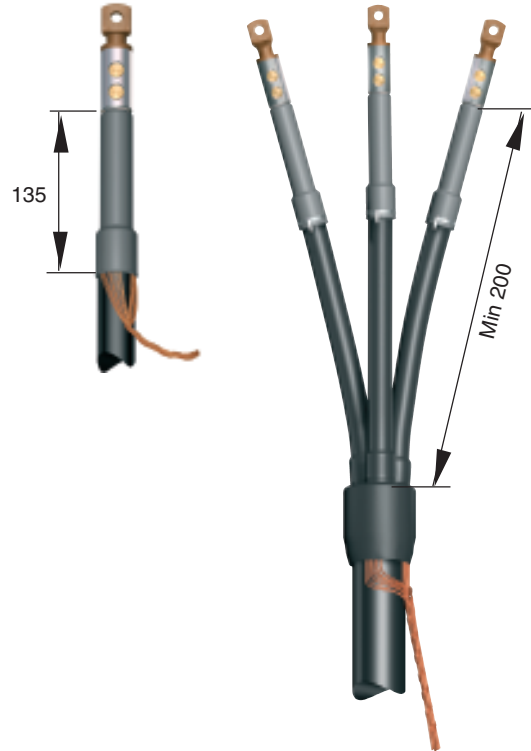
Prefabricated cable termination; rubber sleeve with integrated field control.

It can also be installed in an indoor humid environment.

The length of the termination is approx. 145 mm which also makes it suitable for mounting in small spaces.

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

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



Cable accessories for XLPE 12-36 kV

Designation	XLPE-Ø mm	Conductor cross section mm <sup>2</sup>	Weight kg/kit
3-core / three 1-core			
<b>SOT 101-3</b>	10.5-15	10-35	0.2
<b>SOT 102-3</b>	12.9-25.8	50-185	0.2
<b>SOT 103-3</b>	21.4-34.9	185- 500	0.2

# Cable termination indoor and outdoor, prefabricated SOT 12-36 kV

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

**Use:**

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

**Standard:**

Meets the requirements of:  
CENELEC  
– HD 628.1 S1  
– HD 629.1 S1  
– IEEE 48 1996\*

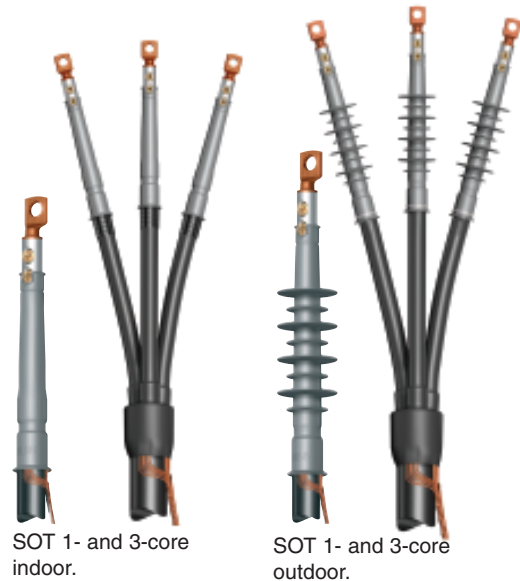
**Design:**

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

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

Kits with outdoor terminations for 3-core



SOT 1- and 3-core indoor.

SOT 1- and 3-core outdoor.

cables include crutch seal and protective hoses of heat shrink.

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

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

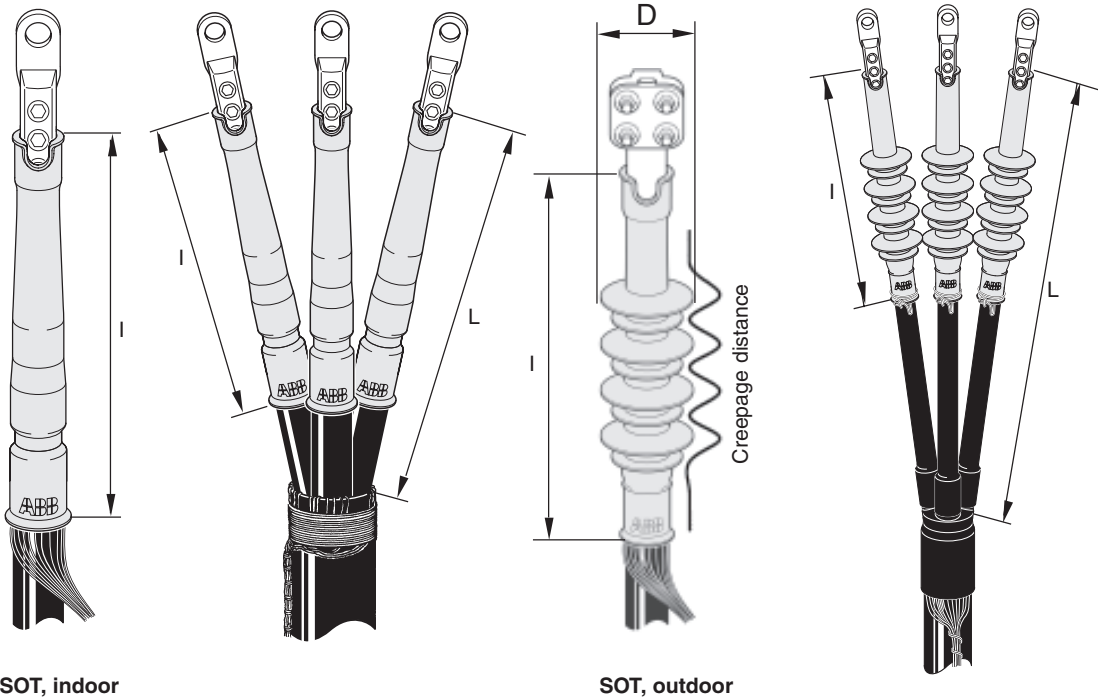
\*\* Can be mounted on cables with 800 and 1000 mm<sup>2</sup>, by using silicone rubber tape IA 2342 as top seal, see page 86. For selecting accessories see page 40.

### Kits complete with screw cable lug

Cable termination including bi-metallic screw cable lug for Al and Cu conductors. The cable lug is equipped with shear off bolts.

Designation	Weight kg/kit	Designation	Weight kg/kit	Cable cross section	
				12 kV	24 kV
				mm <sup>2</sup>	
1-core indoor		3 -core / 3 x 1-core indoor			
<b>SOT 241A S1</b>	0.35	<b>SOT 241A-3 S1</b>	1.05	16 - 35	16
<b>SOT 241 S1</b>	0.34	<b>SOT 241-3 S1</b>	1.02	50 - 70	25 - 70
<b>SOT 241 S2</b>	0.44	<b>SOT 241-3 S2</b>	1.32	95 - 150	95 - 120
<b>SOT 241 S3</b>	0.59	<b>SOT 241-3 S3</b>	1.50	185	–
<b>SOT 242 S2</b>	0.48	<b>SOT 242-3 S2</b>	1.44	–	150
<b>SOT 242 S3</b>	0.63	<b>SOT 242-3 S3</b>	1.89	240	185 - 240
<b>SOT 242 S4</b>	0.98	<b>SOT 242-3 S4</b>	2.94	300 - 400	300 - 400
<b>SOT 242B S5</b>	1.78	<b>SOT 242B-3 S5</b>	5.25	500 - 630	500 - 630
1-core outdoor		3-core outdoor			
<b>SOT 243A S1</b>	0.46	<b>SOT 243A-3 S1</b>	1.56	16 - 35	16
<b>SOT 243 S1</b>	0.42	<b>SOT 243-3 S1</b>	1.42	50 - 70	25 - 70
<b>SOT 243 S2</b>	0.52	<b>SOT 243-3 S2</b>	1.52	95 - 120	–
<b>SOT 244 S2</b>	0.55	<b>SOT 244-3 S2</b>	1.65	150	95 - 150
<b>SOT 244 S3</b>	0.70	<b>SOT 244-3 S3</b>	1.80	185 - 240	185 - 240
<b>SOT 244 S4</b>	1.05	<b>SOT 244-3 S4</b>	2.15	300	–
<b>SOT 245 S4</b>	1.13	<b>SOT 245-3 S4</b>	2.51	400	300 - 400
<b>SOT 245 S5</b>	1.83	<b>SOT 245-3 S5</b>	3.15	500	–
<b>SOT 246 S5</b>	1.96	–	–	630	500 - 630
3 x 1-core outdoor					
<b>SOT 243 A-31 S1</b>			1.38	16-35	16
<b>SOT 243-31 S1</b>			1.26	50-70	25-70
<b>SOT 243-31 S2</b>			1.56	95 - 120	–
<b>SOT 244-31 S2</b>			1.65	150	95 - 150
<b>SOT 244-31 S3</b>			2.10	185 - 240	185 - 240
<b>SOT 244-31 S4</b>			3.15	300	–
<b>SOT 245-31 S4</b>			3.40	400	300 - 400
<b>SOT 245-31 S5</b>			5.50	500	–
<b>SOT 246-31 S5</b>			5.90	630	500 - 630
1-core indoor/outdoor		36 kV			
<b>SOT 361 S2</b>			0.67	95 - 150	–
<b>SOT 361 S3</b>			0.82	185 - 240	–
<b>SOT 361 S4</b>			1.17	300	–
<b>SOT 362 S4</b>			1.27	400	–
<b>SOT 362 S5</b>			1.97	500 - 630	–
3 x 1-core indoor/outdoor		36 kV			
<b>SOT 361-31 S2</b>			2.10	95 - 150	–
<b>SOT 361-31 S3</b>			2.46	185 - 240	–
<b>SOT 361-31 S4</b>			3.50	300	–
<b>SOT 362-31 S4</b>			3.80	400	–
<b>SOT 362-31 S5</b>			5.95	500 - 630	–

## Dimensional drawings and accessories SOT



SOT, indoor

SOT, outdoor

Designation	I	L	D	Creepage distance
	mm			
SOT 241/242/242 B	235	min 300	–	–
SOT 243/244/245	330	min 430	70/75/80	min 520
SOT 246/361/362	390	min 500	80/85	min 725

To be ordered separately:

Designation	Description	See page
SKSA, SKSB	Cable lug	73
UKR	Universal clamp for fastening cable to a pole, etc.	123
JSA, JXT	Earthing kits when the cable does not have a Cu wire screen	69
FK	Overhead line clamp	72
PSSK, PSST	Screen separation kit (indoor)	67



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