

## Terminations for polymer cables

# Transformer terminations for polymer cables

Transformer terminations have a cast resin body and are designed to fit perfectly into your transformer.

### Their main advantages are:

- Lightweight
- Easy to handle
- Classical tried and tested design with high tolerances for cables and their application
- Excellent track record in numerous countries and climate zones
- In service for more than 30 years at Brugg Cables with outstanding results

Transformer terminations for polymer cables profit from the outstanding properties of the prefabricated, one-piece and pretested SiR slip-on stress cones.

All terminations are designed and tested according to international standards, such as IEC 60840 ( $\leq 170$  kV), IEC 62067 ( $> 170$  kV), IEC 60071 (insulation coordination) or IEEE Std 48-1996.

Please note that the corona shield for transformer terminations are designed according to customer specifications and must be ordered separately.

Profit from the advantages of our transformer terminations for polymer cables. All our transformer terminations are designed to be used independently of any type of polymer cable or cable manufacturer from 72.5 to 550 kV and up to a conductor cross-section of 2500 mm<sup>2</sup>.



### Technical data of transformer terminations for polymer cables

Operating voltage	Ø over XLPE insulation	Max. conductor cross-section (Cu/Al)	Max. Ø of outer sheath	Type	Creepage distance
U <sub>max</sub> /kV	mm	mm <sup>2</sup>	mm		mm
72.5	35 - 68	1000	115	TT 1.72-11	500
145	57 - 80	1000	150	TT 1.170-11	690
	80 - 108	2500	150	TT 1.170-12	710
170	80 - 108	2500	150	TT 1.170-12	690, 710
245	76 - 115	2500	150	TT 1.245-11	900
300	76 - 115	2500	150	TT 1.300-11	900
420	76 - 129	2500	170	TT 1.420-11	1385
550	90 - 129	2500	170	TT 1.550-11	1385