

# TTGI1

## HEAT-SHRINKABLE SINGLE CORE XLPE INDOOR TERMINATION

**Up to 36 kV**

**6/10 (12) kV**  
**6.35/11 (12) kV**  
**12/20 (24) kV**  
**12.7/22 (24) kV**  
**18/30 (36) kV**  
**19/33 (36) kV**

### Application

Heat-shrinkable terminations for polymeric cables, are widely used by power utilities and in industrial applications. For use indoor in controlled environmental conditions.

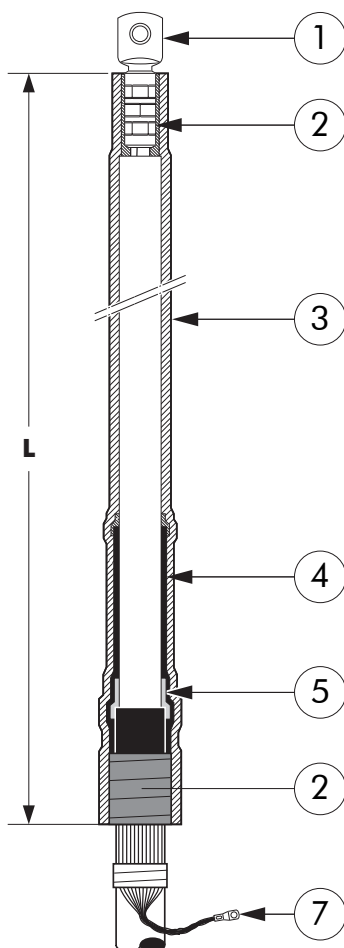
### Design

1. Cable lug (supplied on request).
2. Water sealing mastic.
3. Anti-tracking heat-shrinkable tube.
4. Stress control heat-shrinkable tube.
5. Stress control mastic.
6. Anti-tracking shed (only for 36TTGI1).
7. Earthing lug.

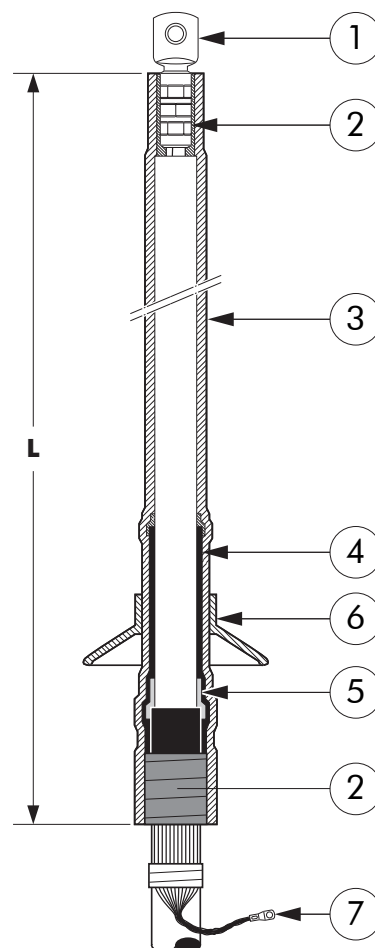
### Specifications and standards

Meets the requirements of CENELEC HD 629.1 and IEC 60502-4.

**17TTGI1 & 24TTGI1**



**36TTGI1**



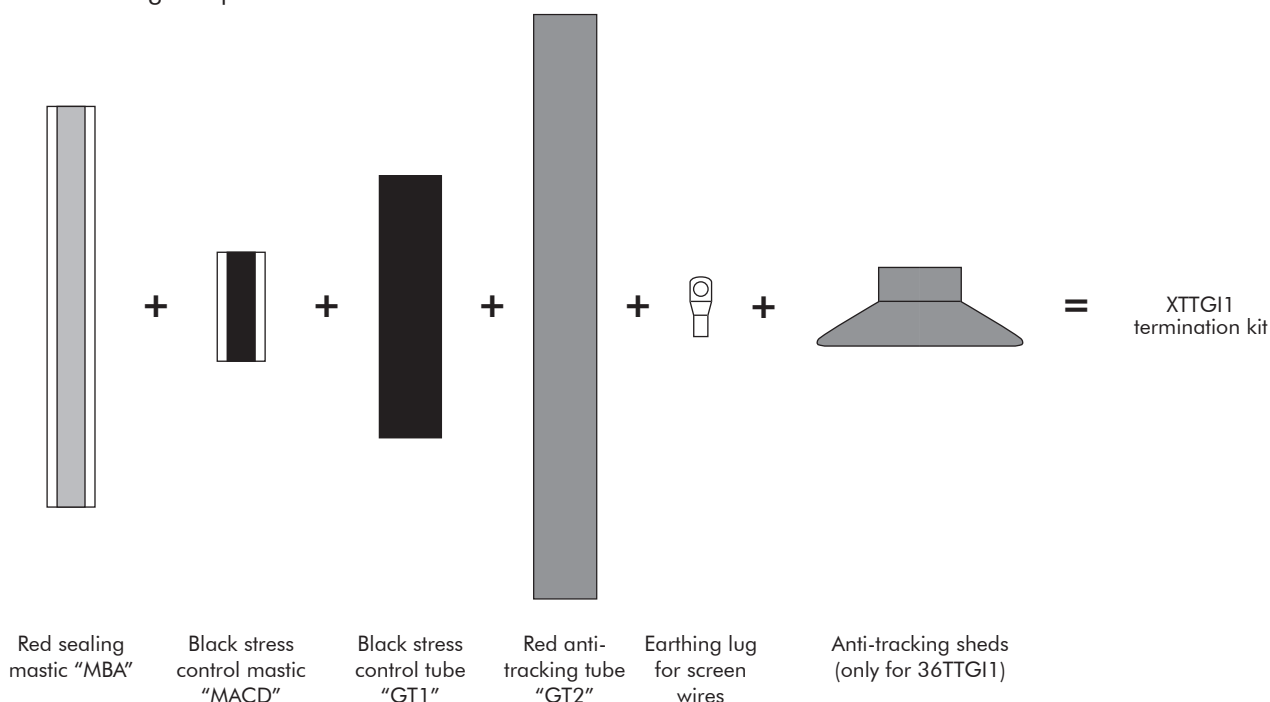
Termination type	Voltage Um (kV)	Length "L" (mm)	Conductor sizes (mm²)	
			min.	max.
17TTGI1	12	480	25	630
24TTGI1	24	520	25	630
36TTGI1	36	620	35	630

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## Kit contents

The complete TTGI1 termination kit comprises the following components:

The kit also comprises installation instructions.



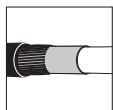
## Ordering instructions

Select the part number corresponding to both system voltage and conductor size.

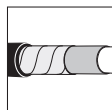
### Example:

An indoor termination for a 24 kV, 150 mm<sup>2</sup> stranded aluminium cable with copper wire screen is requested, without cable lug.  
Order: 3 x 24TTGI1.240i.

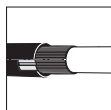
Ordering part number	Voltage U <sub>0</sub> /U (kV)	Conductor size range (mm <sup>2</sup> )	
		min.	max.
17TTGI1.50i	6/10 & 6.35/11	25	50
17TTGI1.120i	6/10 & 6.35/11	70	120
17TTGI1.300i	6/10 & 6.35/11	150	300
17TTGI1.630i	6/10 & 6.35/11	400	630
24TTGI1.95i	12/20 & 12.7/22	25	95
24TTGI1.240i	12/20 & 12.7/22	50	240
24TTGI1.630i	12/20 & 12.7/22	300	630
36TTGI1.120i	18/30 & 19/33	35	120
36TTGI1.300i	18/30 & 19/33	150	300
36TTGI1.630i	18/30 & 19/33	400	630



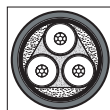
For use with copper wire screened cables. An earthing lug is included.



For use with copper tape screened cables. Order: -Ai instead of -i (e.g. 24TTGI1.240Ai).



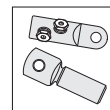
For use with aluminium tape screened cables (C 33-226). Please contact our representative.



For use with three-core cables: see TTGI3.



For use with other cables. Please contact our representative.



Can be supplied with all common types of cable lugs.



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