

TTGE3

HEAT-SHRINKABLE THREE CORE XLPE OUTDOOR TERMINATION

Up to 36 kV

6/10	(12)	kV
6.35/11	(12)	kV
8.7/15	(17.5)	kV
12/20	(24)	kV
12.7/22	(24)	kV
18/30	(36)	kV
19/33	(36)	kV

Application

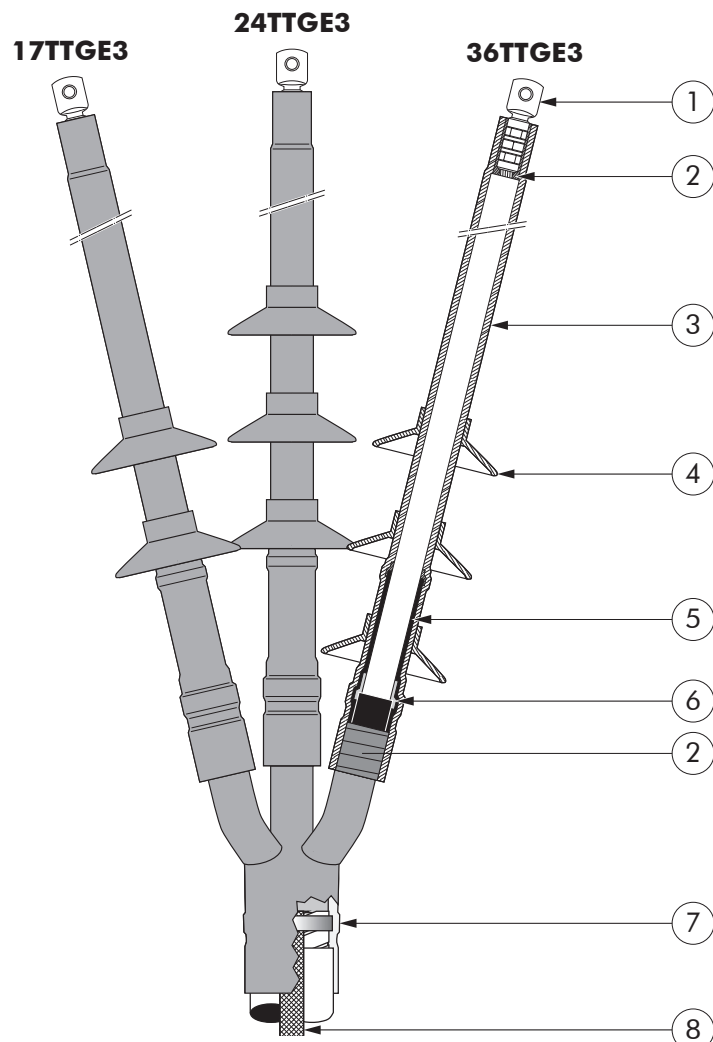
Heat-shrinkable terminations for three core polymeric cables, are widely used by power utilities and in industrial applications. An earthing kit for both copper wires and copper tape screen, is included in the kit. For use outdoors and exposed to prolonged sunshine and other weather conditions.

Design

1. Cable lug (supplied on request).
2. Water sealing mastic.
3. Anti-tracking heat-shrinkable tube.
4. Anti-tracking sheds.
5. Stress control heat-shrinkable tube.
6. Stress control mastic.
7. Break-out.
8. Flexible tinned copper braid.

Specifications and standards

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



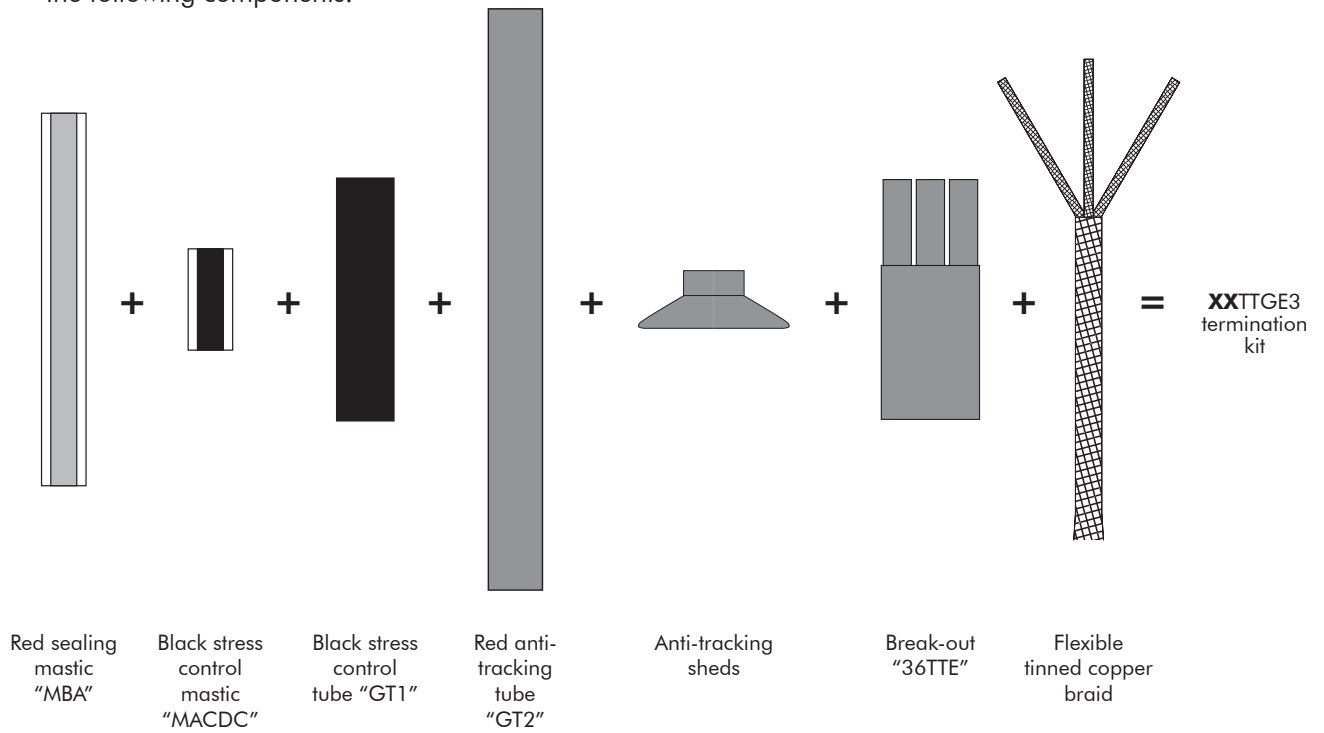
Termination type	Voltage U_m (kV)	Conductor sizes (mm ²)		Number of sheds	Creepage length (mm)
		min	max		
17TTGE3	12 & 17.5	25	630	2	700
24TTGE3	24	25	630	3	860
36TTGE3	36	35	400	3	1380

08/2011

Kit contents

The complete TTGE3 termination kit comprises the following components:

The kit also comprises installation instructions, roll springs, a metallic clamp and an earthing lug for copper screen wires.



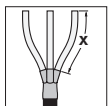
Ordering instructions

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

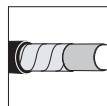
Example:

The cable is 24 kV, 3 x 120 mm² stranded aluminium, with an individual copper tape screen and a steel wire armour.
Order: 24TTGE3.240w.

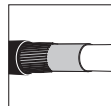
Ordering part number	Voltage U ₀ /U (kV)	Conductor size range (mm ²)	
		min	max
17TTGE3.50w	6/10 & 6.35/11 & 8.7/15	25	50
17TTGE3.120w	6/10 & 6.35/11 & 8.7/15	70	120
17TTGE3.300w	6/10 & 6.35/11 & 8.7/15	150	300
17TTGE3.630w	6/10 & 6.35/11 & 8.7/15	400	630
24TTGE3.95w	12/20 & 12.7/22	25	95
24TTGE3.240w	12/20 & 12.7/22	50	240
24TTGE3.630w	12/20 & 12.7/22	300	630
36TTGE3.120w	18/30 & 19/33	35	120
36TTGE3.300w	18/30 & 19/33	150	300
36TTGE3.400w	18/30 & 19/33	240	400



For tail length 'X' of 1200 mm.
Order: -1200 mm.



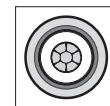
For use with copper tape screened cables. No further earthing device is necessary.



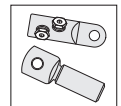
For use with copper wire screened cables. No further earthing device is necessary.



For use with other cable types. Please contact our representative.



For use with single core cables: see TTGE1.



Can be supplied with all common types of cable lugs.