

GTS1

HEAT-SHRINKABLE SINGLE CORE XLPE STRAIGHT JOINT

Up to 36 kV

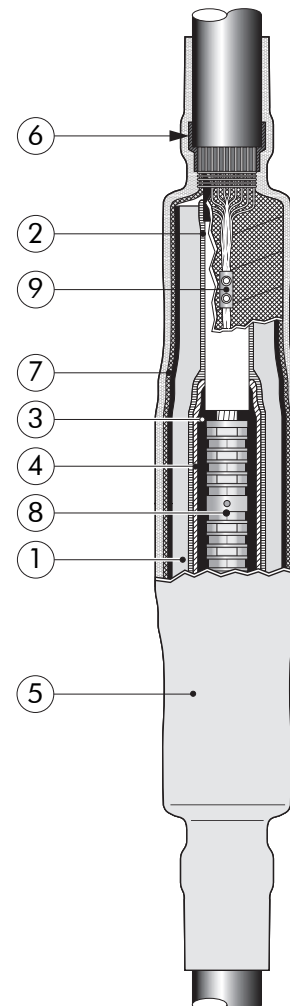
6/10 (12) kV
6.35/11 (12) kV
12/20 (24) kV
12.7/22 (24) kV
18/30 (36) kV
19/33 (36) kV

Application

For jointing polymeric cable to be laid in air or directly buried. The product is fully screened and fully submersible.

Design

1. Dual wall tube type GT25.
2. Stress control tube GT1.
3. Stress control mastic MNAC.
4. Non-tracking tube GT2 (only for 36GTS1).
5. Overall protection tube GT4.
6. Sealing mastic NGAF.
7. Screen continuity (copper mesh).
8. Conductor connector (supplied on request).
9. Ferrule for screen wires.



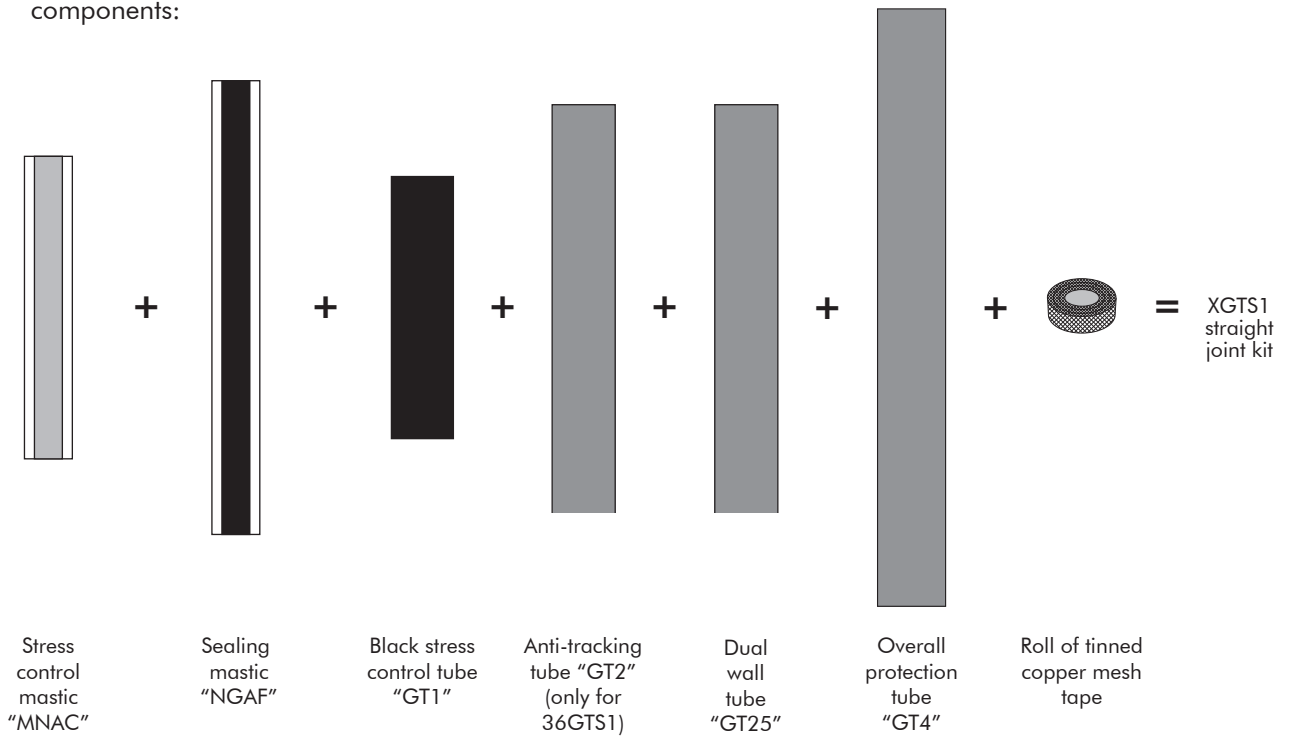
Specifications and standards

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

Straight Joint type	Voltage U_m (kV)	Length "L"	Conductor sizes (mm ²)	
			min.	max.
17GTS1	12	750	25	630
24GTS1	24	750	25	630
36GTS1	36	750 - 1000	35	630

Kit contents

The complete GTS1 joint kit comprises the following components:



Stress control mastic "MNAC"

Sealing mastic "NGAF"

Black stress control tube "GT1"

Anti-tracking tube "GT2" (only for 36GTS1)

Dual wall tube "GT25"

Overall protection tube "GT4"

Roll of tinned copper mesh tape

= XGTS1 straight joint kit

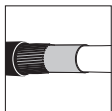
Ordering instructions

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

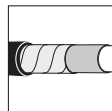
Example:

The copper wire screened cable is 12 kV, 150 mm² stranded aluminium.
Order: 17GTS1.240i.

Ordering part number	Voltage U ₀ /U (kV)	Conductor size range (mm ²)	
		min.	max.
17GTS1.50i	6/10 & 6.35/11	25	50
17GTS1.95i	6/10 & 6.35/11	50	95
17GTS1.240i	6/10 & 6.35/11	95	240
17GTS1.630i	6/10 & 6.35/11	240	630
24GTS1.50i	12/20 & 12.7/22	25	50
24GTS1.240i	12/20 & 12.7/22	50	240
24GTS1.400i	12/20 & 12.7/22	150	400
24GTS1.630i	12/20 & 12.7/22	400	630
36GTS1.95i	18/30 & 19/33	35	95
36GTS1.240i	18/30 & 19/33	70	240
36GTS1.400i	18/30 & 19/33	120	400
36GTS1.630i	18/30 & 19/33	400	630



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



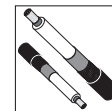
For use with copper tape screened cables.
Order: -Ai instead of -i (e.g. 17GTS1.240Ai).



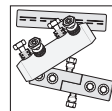
For use with other cable types. Please contact our representative.



For use with three-core cables: see GTS3.



When jointing cables of different sizes, please contact our representative.



Can be supplied with all common types of conductor connectors.