17GTM3.1
HEAT-SHRINKABLE THREE CORE TRANSITION JOINT

Up to 17.5 kV

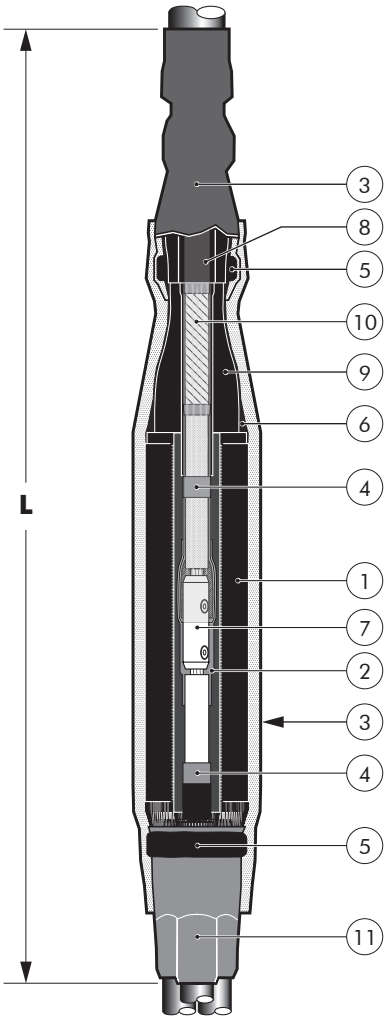
Application

For jointing three-core paper cables (draining and non-draining) to three single core polymeric cables. For use with belted or screened (Höchstädter) cables with a common lead sheath. This transition joint is fully screened, submersible and suitable to be directly buried.

6/10 (12) kV
6.35/11 (12) kV
8.7/15 (17.5) kV

Design

1. Dual wall tube.
2. Stress control tube.
3. Protection tube.
4. Hi-K mastic.
5. Sealing mastic.
6. Screen continuity (copper braid and mesh).
7. Conductor connector.
8. Semi-conductive break-out.
9. Semi-conductive tubes.
10. Barrier tube.
11. Break-out.



Specifications and standards

Meets the requirements of CENELEC HD 629.2 and IEC 60502-4.

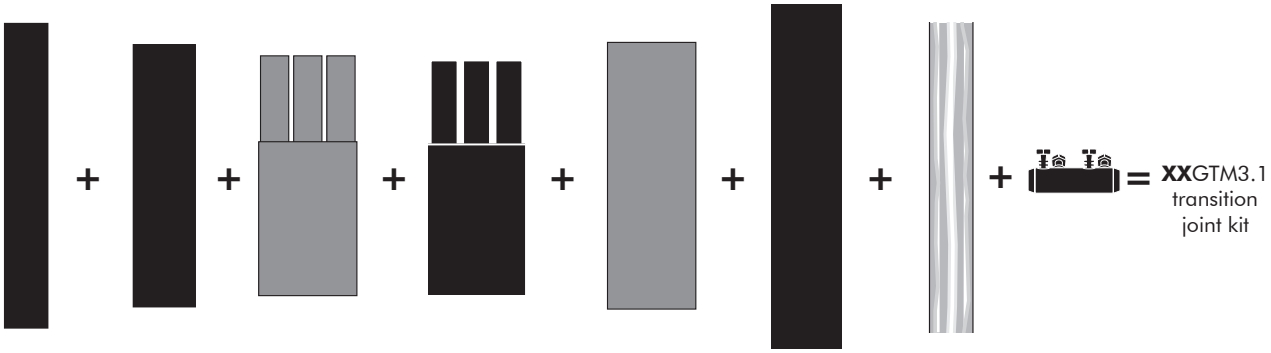
Straight Joint type	Voltage Um (kV)	Length "L" (mm)	Conductor sizes (mm^2)	
			min	max
17GTM3.1	12 - 17.5	1800	16	240

02/2015

Kit contents

The complete GTM3.1 joint kit comprises the following components:

The kit also comprises installation instructions, semi-conductive tape, Hi-K mastic (MNAC30 and MACDC38), stress control mastic, sealing mastic "NGAF", adhesive tape, copper braid, tinned copper mesh tape, tinned copper wire armour continuity and roll springs.



3x Semi-conductive tube "GT5"

3x Black stress control tube "GT1"

1x Break-out "1TTI"

1x Semi-conductive break-out "36TTS"

2x Protection tube "GT3"

3x Dual wall tube "GT25"

3x Barrier tube "GT10"

3x Mechanical conductor connector "M"

Ordering instructions

Select the part number corresponding to both system voltage and cable dimensions.

Product name	Description cable (mm^2)	Voltage Um (kV)	Conductor size range (mm^2)				Connector	Insulation diameter (mm)	
			Round stranded		Sector solid				
			min	max	min	max		min	max
17GTM3.1.16-240SC	APB - XLPE 3 x 16-50 - 3 x 1 x95-150	12 & 17.5	16-50	95-150	16-50	95-150	M16-95/95-240	11	28
17GTM3.1.25-95SC	APB - XLPE 3 x 25-95 - 3 x 1 x25-95	12 & 17.5	25-95	25-95	25-70	25-50	M16-95	11	28
17GTM3.1.25-240SC	APB - XLPE 3 x 25-95 - 3 x 1 x150-240	12 & 17.5	25-95	150-240	25-70	150-240	M25-95/70-240	11	28
17GTM3.1.240SC	APB - XLPE 3 x 95-240 - 3 x 1 x150-240	12 & 17.5	95-240	150-240	95-240	150-240	M70-240	16	28