

## T-ITK THREE CORE INDOOR TERMINATIONS

Up to 24 kV

### Application

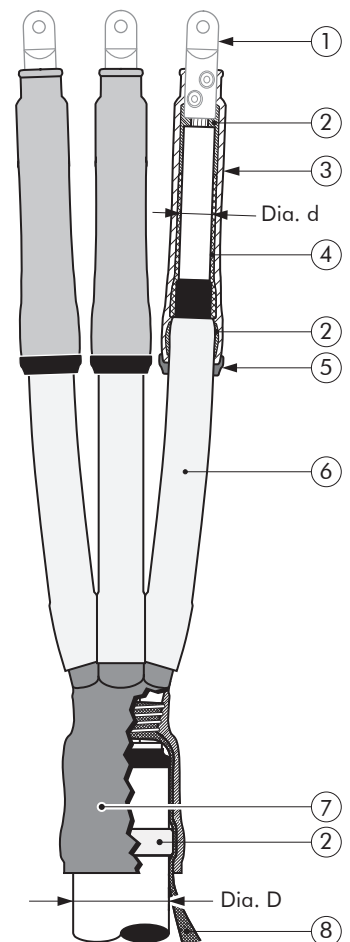
The T-ITK is a cold-shrinkable indoor termination suited for polymeric insulated three-core cables. It will provide a necessary seal against moisture penetration and a perfect electrical field control.

6/10 (12) kV  
6.35/11 (12) kV  
8.7/15 (17.5) kV  
12/20 (24) kV  
12.7/22 (24) kV

### Design

Cold-shrinkable termination comprising:

1. Cable lugs (not included in the standard kit).
2. Water sealing mastic.
3. Silicone rubber tubes.
4. Stress control mastic.
5. Conductive EPDM ring.
6. Silicone rubber protection tubes.
7. Break-out.
8. Flexible tinned copper braid (for use with individual metal tape screened cables).



### Specifications and standards

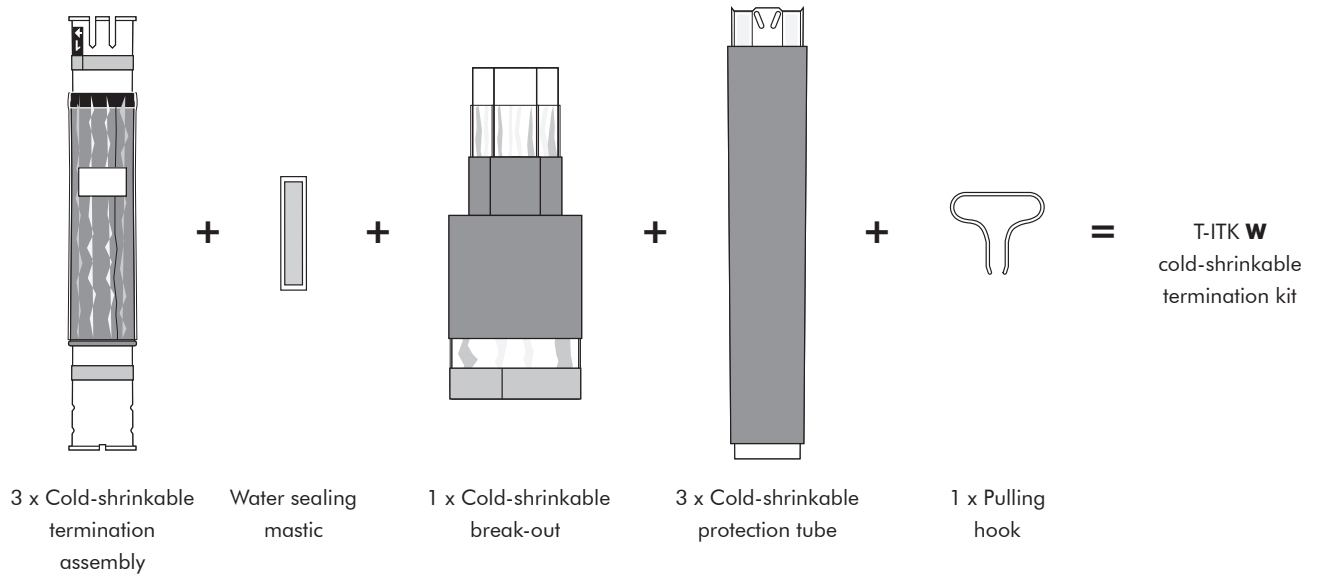
The cold-shrinkable T-ITK termination meets the requirements of CENELEC HD 629.1.

Termination type	Voltage Um (kV)	Diameter over core insulation Dia. d (mm)		Diameter over outer sheath Dia. D (mm)		Conductor sizes (for information only) (mm <sup>2</sup> )	
		min.	max.	min.	max.	min.	max.
T-ITK 12-1	12	16	30	48	90	50	240
T-ITK 12-2	12	26	42	68	110	240	400
T-ITK 24-1	24	16	30	48	90	25	185
T-ITK 24-2	24	26	42	68	110	150	240

## Kit contents

The complete cold-shrinkable T-ITK termination kit comprises the following components:

The kit also comprises a roll of adhesive tape, flexible copper braid and installation instructions.



## Ordering instructions

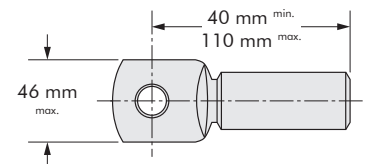
Select the part number corresponding to both the system voltage and the cable dimensions in mm.

### Example:

The cable is 12 kV, 3 x 150 mm<sup>2</sup> stranded aluminium, with a diameter of 72.0 mm over outer sheath and 23.5 mm over the core insulation.

The cable has an individual copper tape screen.  
Order a T-ITK 12-1 termination kit.

Ordering part number	Voltage Um (kV)	Diameter over core insulation (mm)		Diameter over outer sheath (mm)	
		min.	max.	min.	max.
T-ITK 12-1	12	16	30	48	90
T-ITK 12-2	12	26	42	68	110
T-ITK 24-1	24	16	30	48	90
T-ITK 24-2	24	26	42	68	110



All commercialised European standard cable lugs can be used.  
Cable lugs should be within the dimensions specified (not applicable for ITK 312 and ITK 324).

For use with copper tape screened cables. No further earthing device is necessary.	Different armour connections are available. Please contact our representative.	For use with other cable types. Please contact our representative.	For tail lengths "X" between 500 and 700 mm.	Can be supplied with all common types of cable lugs.	Also available with heat-shrinkable break-out

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