

Application

A kit of 3 terminations for use outdoors and exposed to prolonged sunshine and other weather conditions.

To connect polymeric insulated cable to equipment and for the outdoor terminating on to overhead lines or bus bars.

Up to 24 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

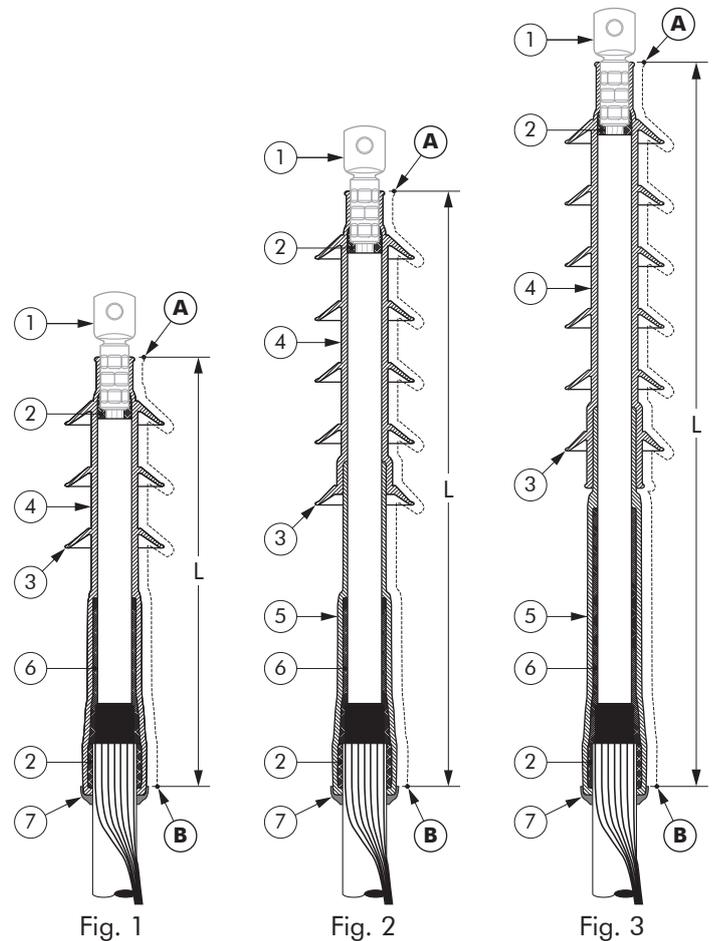
Design

Outdoor termination comprising:

1. Cable lug (not included in the standard kit).
2. Water sealing mastic.
3. Sheds which can be installed upwards or down.
4. Silicone tube with sheds.
5. Silicone tube.
6. Stress control mastic.
7. Conductive EPDM ring.

Specifications and standards

Meets the requirements of CENELEC HD 629.1.

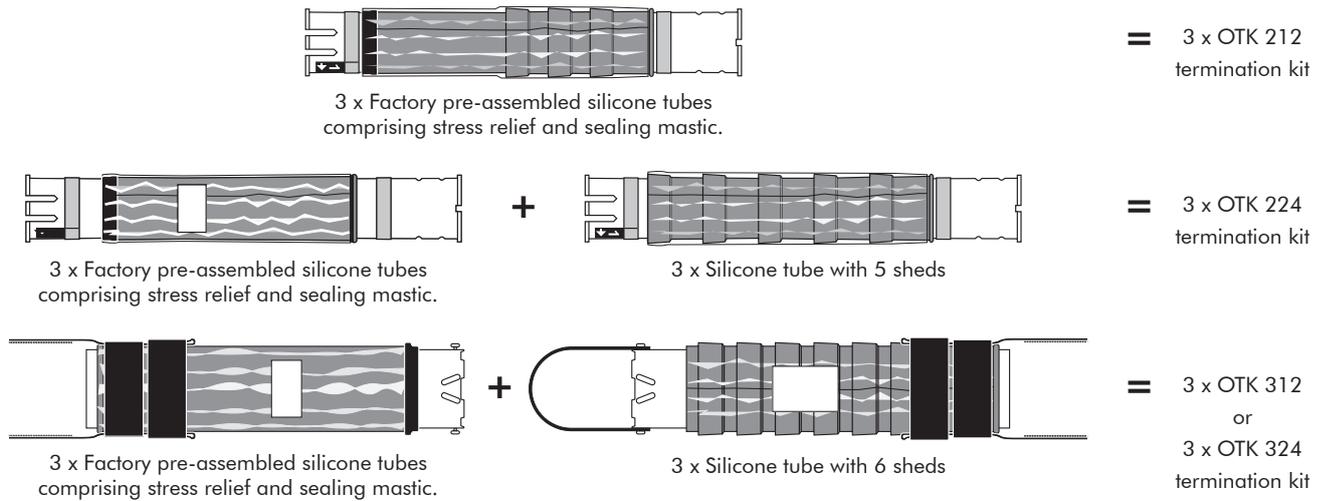


Termination type	Voltage U_m (kV)	Creepage distance A-B (mm)	Strike distance "L" (mm)	Diameter over core insulation (mm)		Number of sheds	Conductor sizes (mm ²)		Fig. no.
				min.	max.		min.	max.	
OTK 212	12	420	300	14	33	3	50	400	1
OTK 312	12	890	650	30	50	6	500	1000	3
OTK 224	24	600	400	19	33	5	50	240	2
OTK 324	24	890	650	30	50	6	300	630	3

Kit contents

The complete OTK termination kit comprises the following components:

The kit also comprises water sealing mastic and installation instructions.



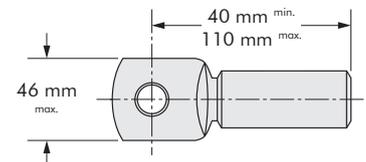
Ordering instructions

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

Ordering part number	Voltage U_m (kV)	Diameter over core insulation (mm)		Conductor sizes (mm ²)	
		min.	max.	min.	max.
3 x OTK 212	12	14	33	50	400
3 x OTK 312	12	30	50	500	1000
3 x OTK 224	24	19	33	50	240
3 x OTK 324	24	30	50	300	800

Example:

The copper wire screened cable is 24 kV, 150 mm² stranded aluminium. The diameter over core insulation is 26.2 mm. Order a 3 x OTK 224 termination kit.



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

For use with copper wire screened cables. No earthing device is necessary.	For use with copper tape screened cables. Also order a Kit MT.	For use with fabric tape (graphite) screened cables. Order additional semi-conductive tape (type TSC).	For use with Alupe or C 33-226 cables. Please contact our representative.	For use with three-core cables: see T-OTK.	Can be supplied with all common types of cable lugs.