

APPLICATION

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

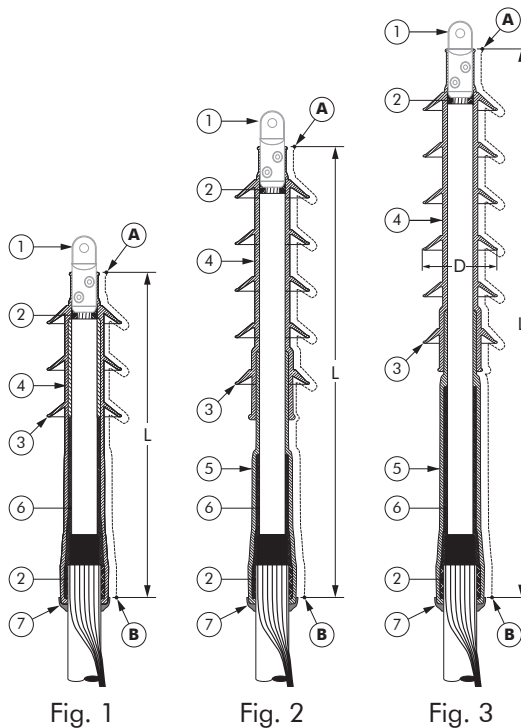
To connect polymeric insulated cable to equipment and for the outdoor terminating on to overhead lines or busbars.



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.



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

Up to 24 kV

SPECIFICATIONS AND STANDARDS

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

Pollution class according to IEC/TS 60815-3.

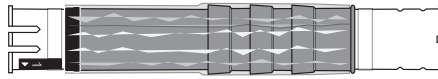
Termination type	Voltage Um (kV)	Creepage distance A-B (mm)	Pollution Class	Strike distance "L" (mm)	Diameter over core insulation (mm)		Number of sheds	Diameter "D" (mm)	Typical conductor sizes (mm ²)		Fig. no.
					min	max			min	max	
OTK 12-2	12	420	E	300	14	33	3	70	50	400	1
OTK 12-3	12	890	E	650	30	50	6	79	500	1000	3
OTK 24-2	24	740	E	540	19	33	5	70	50	240	2
OTK 24-3	24	890	E	650	30	50	6	79	300	630	3

02/2022

KIT CONTENTS

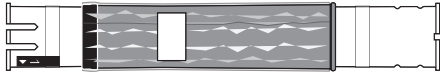
The complete OTK termination kit comprises the following components:

The kit also comprises water sealing mastic and installation instructions.

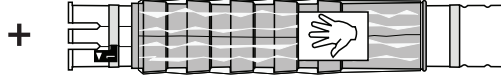


3 x Factory pre-assembled silicone tubes comprising stress relief and sealing mastic.

= 3 x OTK 12-2 termination kit

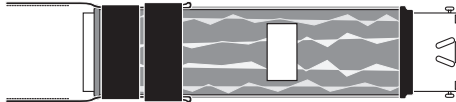


3 x Factory pre-assembled silicone tubes comprising stress relief and sealing mastic.

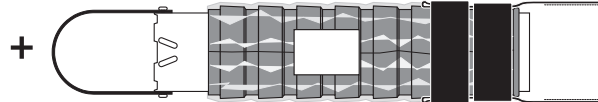


3 x Silicone tube with 5 sheds

= 3 x OTK 24-2 termination kit



3 x Factory pre-assembled silicone tubes comprising stress relief and sealing mastic.



3 x Silicone tube with 6 sheds

= 3 x OTK 12-3 or 3 x OTK 24-3 termination kit

ORDERING INSTRUCTIONS

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

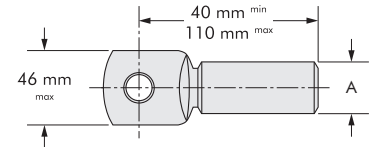
EXAMPLE:

The copper wire screened cable is 24 kV, 150 mm² stranded aluminium.

The diameter over core insulation is 26.2 mm.

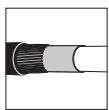
Order a 3 x OTK 24-2 termination kit.

Ordering part number	Voltage U _m (kV)	Diameter over core insulation (mm)		Conductor sizes (mm ²)	
		min	max	min	max
3 x OTK 12-2	12	14	33	50	400
3 x OTK 12-3	12	30	50	500	1000
3 x OTK 24-2	24	19	33	50	240
3 x OTK 24-3	24	30	50	300	630

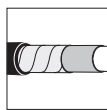


All commercialised European standard cable lugs can be used.

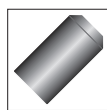
Cable lugs should be within the dimensions specified (not applicable for OTK 12-3 and OTK 24-3).



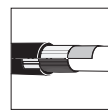
For use with copper wire screened cables. No earthing device is necessary.



For use with copper tape screened cables. Also order a Kit CT.



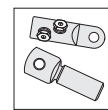
If the cable lug barrel diameter (A) is less than 20 mm: order a "1" size kit.



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.