

## OLS

Medium voltage outdoor cold shrink terminations upto 42kV

### Application

The OLS series cold shrinkable termination is suitable for outdoor installation on polymeric insulated medium voltage cables.

Donot use open fire when installing, especially for inflammable and explosive sites such as petroleum, chemicals, mines and tunnels.

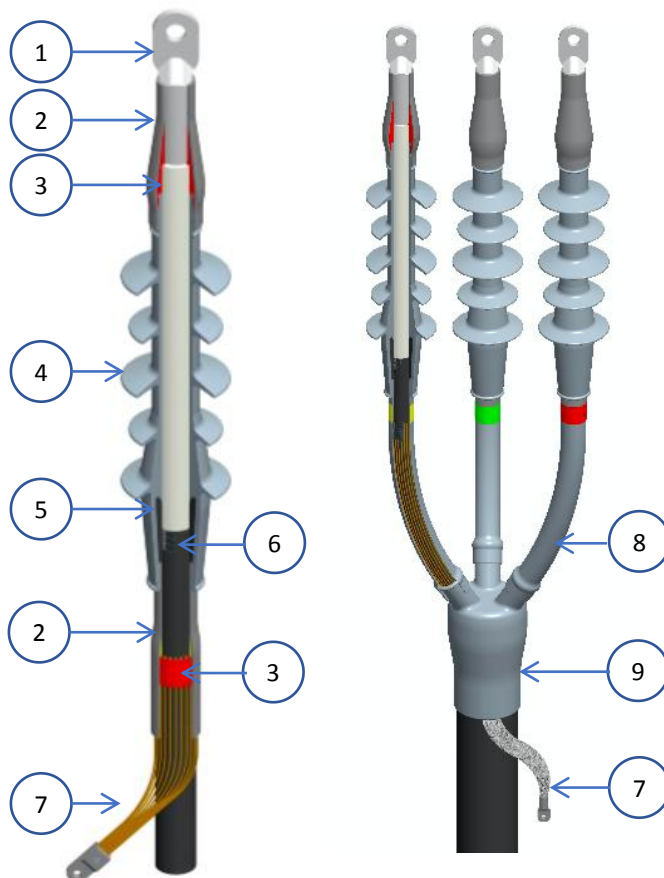
Another benefit given by using the OLS termination is the quick and easy assembly. The termination is available with additional splitting accessories for three-core, copper wire screened or copper tape screened and armored cables.

$U_0/U(U_m)$

6/10(12)kV  
6.35/11(12)kV  
8.7/15(17.5)kV  
12/20(24)kV  
12.7/22(24)kV  
18/30(36)kV  
26/35(40.5)kV  
20.8/36(42)kV

### Design

1. Compress or mechanical cable lug
2. Cold shrink tube for sealing
3. Red sealant mastic
4. High flexibility external housing is made from liquid silicone rubber, ensuring a perfect fit to the cable.
5. Integrated conductive rubber
6. Self amalgamating conductive tape
7. Earth connection
8. Cold shrink tube
9. Cold shrink breakout



### Specifications and standard

OLS termination meets the requirements of CENELEC HD 629.1. and IEC 60502

### Delivery scope

- 3 termination with integrated stress control element
- Installation instructions
- Silicone grease
- Assembly kits

### Exclusive service:

All terminal bodies are scanned before delivering by X-Ray scanner to guarantee ZERO defect in inner struction

## Ordering instruction

Indicate the part number when ordering as table

Order example:  
OLS-20/3.2 is for 3 cores  
20kV 95-185 mm<sup>2</sup>



OLS-15/3.2

## Classification and Dimension

Conductor cross-section (mm <sup>2</sup> )		Dia. over core insulation (mm)		Number of Sheds	L (mm)	Dia. S (mm)	Art.-No.
Min.	Max.	Min.	Max.				
U <sub>0</sub> /U(U <sub>m</sub> ) 6/10(12)kV - 6.35/11(12)kV							
25	50	13.7	16.0	5	292	68	OLS-10/1.1
70	120	17.4	20.5	5	292	71	OLS-10/1.2
150	240	21.9	25.90	5	292	75	OLS-10/1.3
300	400	28.2	31.50	5	292	79	OLS-10/1.4
500	800	34.9	42.4	5	292	79	OLS-10/1.5
U <sub>0</sub> /U(U <sub>m</sub> ) 8.7/15(17.5)kV							
25	50	13.5	16.2	5	292	68	OLS-15/1.1
70	120	16.5	21	5	292	71	OLS-15/1.2
150	240	23	26.50	5	292	75	OLS-15/1.3
300	400	30.7	35	5	292	79	OLS-15/1.4
500	800	37	46	5	292	79	OLS-15/1.5
U <sub>0</sub> /U(U <sub>m</sub> ) 12/20(24)kV							
35	70	16.2	23	5	398	85	OLS-20/1.1
95	185	25	29.5	5	398	90	OLS-20/1.2
240	400	30	34	5	398	94	OLS-20/1.3
500	800	39.5	46	5	398	100	OLS-20/1.4
U <sub>0</sub> /U(U <sub>m</sub> ) 18/30(36)kV							
50	70	22	27	6	460	111.5	OLS-30/1.1
95	185	29.5	34	6	460	115	OLS-30/1.2
240	400	39.5	46	6	460	119	OLS-30/1.3
500	800	44	54	6	460	119	OLS-30/1.4
U <sub>0</sub> /U(U <sub>m</sub> ) 20.8/36(42)kV							
50	70	29.5	30	6	460	111.5	OLS-42/1.1
95	185	32	35	6	460	115	OLS-42/1.2
240	400	38	44	6	460	119	OLS-42/1.3
500	800	48	54	6	460	119	OLS-42/1.4

Note: The classification and dimension apply for polymeric insulated XLPE cables with extruded conductive screen and stranded conductors. Please contact with our representative for more information for other cable type.