

ILS

Medium voltage indoor cold shrink terminations upto 42kV

Application

The ILS series cold shrinkable termination is suitable for indoor 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.

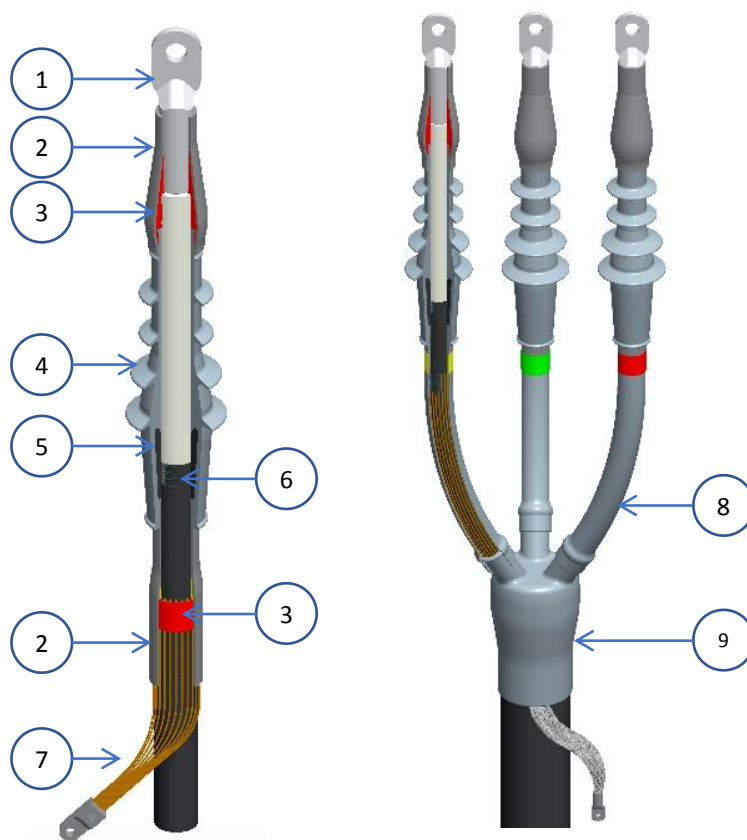
Another benefit given by using the ILS termination is the quick and easy assembly. The termination is available with additional splitting accessories for three-core, copper wire screened or copper tape screened and armored cables.

$U_0/U(U_m)$

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

ILS 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:

ILS-20/3.2 is for 3 cores
20kV 95-185 mm²



ILS-15/3.2

Classification and Dimension

Conductor cross-section (mm²)		Dia. over core insulation (mm)		Number of Sheds	L (mm)	Dia. S (mm)	Art.-No.
Min.	Max.	Min.	Max.				
U ₀ /U(U _m) 6/10(12)kV - 6.35/11(12)kV							
25	50	13.7	16.0	5	208	50	ILS-10/1.1
70	120	17.4	20.5	5	208	53	ILS-10/1.2
150	240	21.9	25.90	5	208	57	ILS-10/1.3
300	400	28.2	31.50	5	208	61	ILS-10/1.4
500	800	34.9	42.4	5	208	61	ILS-10/1.5
U ₀ /U(U _m) 8.7/15(17.5)kV							
25	50	13.5	16.2	5	208	50	ILS-15/1.1
70	120	16.5	21	5	208	53	ILS-15/1.2
150	240	23	26.50	5	208	57	ILS-15/1.3
300	400	30.7	35	5	208	61	ILS-15/1.4
500	800	37	46	5	208	61	ILS-15/1.5
U ₀ /U(U _m) 12/20(24)kV							
35	70	16.2	23	5	330	64	ILS-20/1.1
95	185	25	29.5	5	330	69	ILS-20/1.2
240	400	30	34	5	330	73	ILS-20/1.3
500	800	39.5	46	5	330	79	ILS-20/1.4
U ₀ /U(U _m) 18/30(36)kV							
50	70	22	27	5	398	90	ILS-30/1.1
95	185	29.5	34	5	398	94	ILS-30/1.2
240	400	39.5	46	5	398	100	ILS-30/1.3
500	800	44	54	5	398	100	ILS-30/1.4
U ₀ /U(U _m) 20.8/36(42)kV							
50	70	29.5	30	5	398	90	ILS-42/1.1
95	185	32	35	5	398	94	ILS-42/1.2
240	400	38	44	5	398	100	ILS-42/1.3
500	800	48	54	5	398	100	ILS-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.