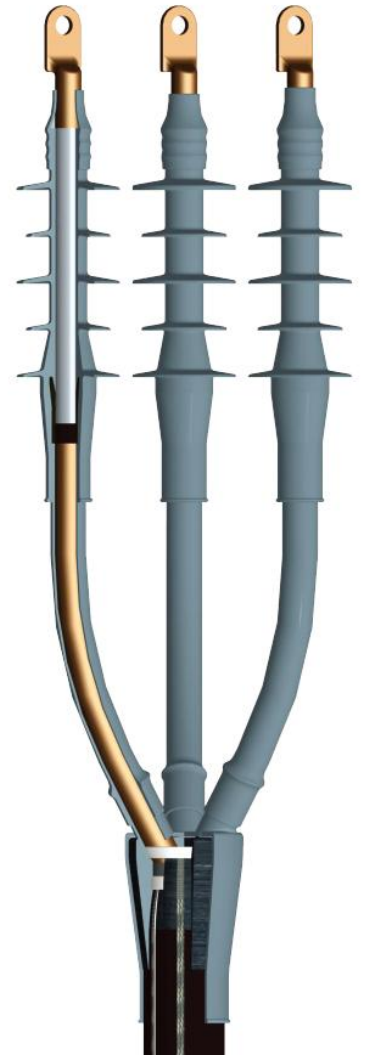


Cold Shrinkable Outdoor Termination(8.7/15 kV)

Product Descriptions

- High quality raw material: High quality liquid silicone rubber is selected as raw material, which has the advantages of reliable insulation performance, excellent electrical performance, pollution resistance, aging resistance, hydrophobicity and cold resistance.
- Advanced equipment and technology: Use advanced equipment for production. The rubber parts produced are free of bubbles, scorch and other impurities. The interface between insulation and semiconductor shielding is well bonded without cracks or peeling.
- Easy to install: Taking advantage of "elastic memory" of rubber and adopting expansion technology, the rubber parts of cable accessory are pre-extended and sleeved into plastic support within the elastic range. When the plastic support is removed during installation, the rubber parts of cable accessories will shrink quickly on the cable.
- Widely use: They are suitable for high altitude, cold, smoke and heavy pollution areas. Especially in flammable and explosive industries such as petroleum, chemical industry and mining.



Technical Requirements

- It can be installed at an angle, but cannot be installed upside down.
- The connector can be chosen as the compression or sheat bolt.
- This product is suitable for XLPE cable with corrugated aluminium sheath and wire shield.
- The earthing system of this product can be braided with tinned copper braided tape or copper wire.
- Applied standard: GB/T 12706.4, IEC 60502.4

Technical Specifications

Area Of Application

Applicable cable cross-sections	25 ~ 630 mm²
Max.system voltage	17.5 kV
System rated frequency	50 Hz
Elevation	≤ 2000 m
Operation temperature	-55 °C~45 °C
Number of cores	1 core, 3 cores
Cable Shield Style	Tape/wire

Design Data

Height	900 mm
Weight of insulator	0.7 ~ 1.2kg
Material of insulator	Liquid silicone rubber
Creepage distance	545 mm
Storage temperature	0 °C ~ 35 °C
Installation temperature	5 °C ~ 35 °C

Electrical Test (IEC 60502.4)

AC voltage (5 mins)	39 kV
AC voltage (wet, 1 min)	35 kV
Partial discharge test at ambient and elevated temperature	15 kV(≤ 2.8 pC)
Impulse (95 °C ~ 100 °C, 10 impulses of each polarity)	95 kV
AC voltage (after impulse, 15 mins)	22 kV
Humidity	11 kV, 300h
Salt fog	11 kV, 1000h

Sizing Table

Specification	Applicable cable cross-section(mm ²)
1 core	
WLS-1-8.7/10(8.7/15)-25~50	25~50
WLS-1-8.7/10(8.7/15)-70~120	70~120
WLS-1-8.7/10(8.7/15)-150~240	150~240
WLS-1-8.7/10(8.7/15)-300~400	300~400
WLS-1-8.7/10(8.7/15)-500~630	500~630
3 cores	
WLS-3-8.7/10(8.7/15)-25~50	10~16
WLS-3-8.7/10(8.7/15)-70~120	25~50
WLS-3-8.7/10(8.7/15)-150~240	70~120
WLS-3-8.7/10(8.7/15)-300~400	300~400
WLS-3-8.7/10(8.7/15)-500~630	500~630

