



## CS-I/12-24-36

### Cold Shrink Indoor Terminations upto 36 kV For XLPE Cable

"The term 'Cold Shrink' is applied to materials, which are capable of shrinking without raising the material above the ambient temperature of its immediate surroundings. The Cold Shrink Accessories are supplied in factory expanded conditions & placed on a removal core. The removing of core when they are positioned over cable cores causes shrinking."

#### Components :

- Cold Shrink Insulation Tube • Cold shrink Breakout •
  - Cold Shrink Sealing Tube • Roll Spring •
  - Sealing Mastic • Void Filler • Copper Mesh •
  - PVC Tape • Semi-Conductive Tape •
  - Silicon Grease • Copper Binding Wire •
  - Cleaning Tissue • Abrasive Strap • Plastic Glove •
  - Cold Shrink Termination body •
- \*Specify for lug and other components*

#### FEATURES

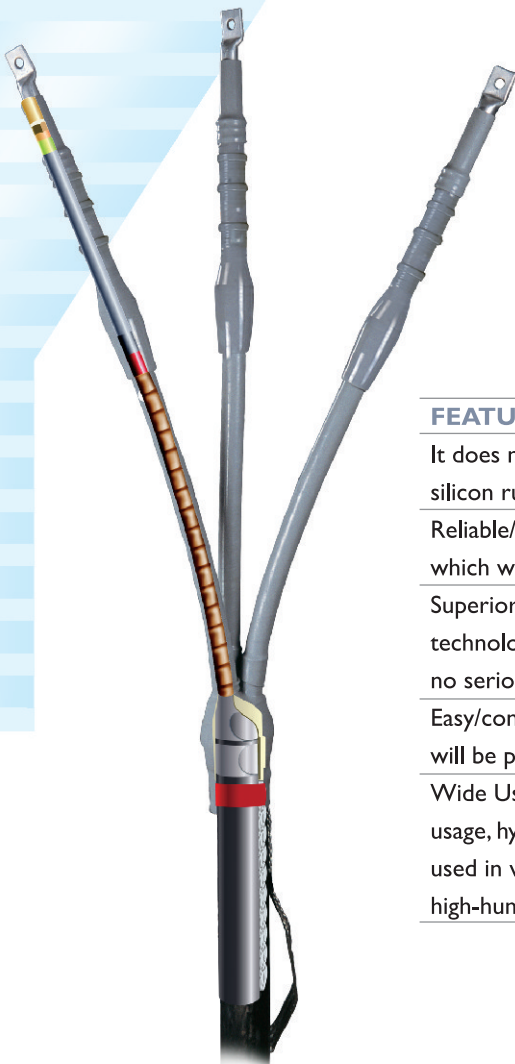
It does not require heating by flaming nor special tools. Pull out the plastic string from silicon rubber tube, the silicon rubber will tightly shrink on the position.

Reliable/superior insulation & high-recovery elasticity; we have adopted silicon rubber, which will constantly maintain its radial pressure.

Superior hermetic sealing; for cable splicing, we have adopted triple hermetic sealing technology & silicon rubber with hermetic & hydrophobic performance; there will be no serious fault due to environmental cause.

Easy/convenient installation : by enlarging the dimensions of stress-cone, large tolerance will be permitted & faults due to installation are reduced to a minimum.

Wide Usage : possessing a series of superior performance such as anti-pollution, long usage, hydrophobic, cold-withstanding etc. The Cold Shrink accessories can be widely used in various regions, especially suitable for high level region, cold weather region, high-humidity region, salt-fog region & high-polluted region etc.

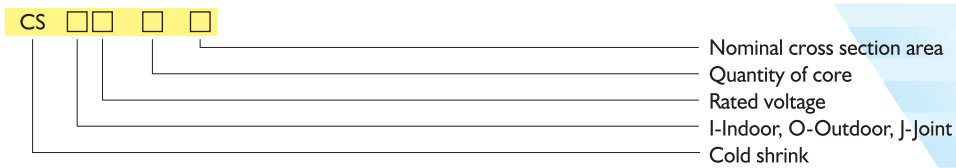


## Specifications:

### Test items of Cold Shrink Indoor Terminations

Testing Items U o/U	8.7/15 kV (17.5)	12.7/22 kV (24)	20.8/36 kV (42)
50 Hz voltage test	35kV, 5min, no flashover, no strike	51kV, 5min, no flashover, no strike	83kV, 5min, no flashover, no strike
Partial discharge test	15kV < 1pc	22kV < 1pc	36kV < 2pc
Cyclic load test, 3 cycles	3 cycles under 90-95°C, 22kV	3 cycles under 90-95°C, 32kV	3 cycles under 90-95°C, 52kV
Impulses voltage test	95kV no flashover, no strike	125kV no flashover, no strike	200kV no flashover, no strike
15 min, 50 Hz voltage with standing test	22kV, 15 min, no flashover, no strike	32kV, 15 min, no flashover, no strike	52kV, 15 min, no flashover, no strike
Humidity test	No any flashover, tracking, erosion or mechanical damage occur at 300h, 11kV	No any flashover, tracking, erosion or mechanical damage occur at 300h, 16kV	No any flashover, tracking, erosion or mechanical damage occur at 300h, 26kV

### Type of Termination:



### Order Reference

#### 12 kV Indoor Terminations

	Cable Cross Section (mm <sup>2</sup> )	Type No.		Cable Cross Section (mm <sup>2</sup> )	Type No.
6/10 (12) kV 1 Core Indoor Termination	25-50	CS-I 11-1 X 1	6/10 (12) kV 3 Core Indoor Termination	25-50	CS-I 11-3 X 1
	70-120	CS-I 11-1 X 2		70-120	CS-I 11-3 X 2
	150-240	CS-I 11-1 X 3		150-240	CS-I 11-3 X 3
	300-400	CS-I 11-1 X 4		300-400	CS-I 11-3 X 4

#### 24 kV Indoor Terminations

	Cable Cross Section (mm <sup>2</sup> )	Type No.		Cable Cross Section (mm <sup>2</sup> )	Type No.
12/20 (24) kV 1 Core Indoor Termination	50-95	CS-I 24-1 X 1	12/20 (24) kV 3 Core Indoor Termination	50-95	CS-I 24-3 X 1
	120-185	CS-I 24-1 X 2		120-185	CS-I 24-3 X 2
	240-400	CS-I 24-1 X 3		240-400	CS-I 24-3 X 3

#### 36 kV Indoor Terminations

	Cable Cross Section (mm <sup>2</sup> )	Type No.		Cable Cross Section (mm <sup>2</sup> )	Type No.
18/30 (36) kV 1 Core Indoor Termination	50-95	CS-I 36-1 X 1	18/30 (36) kV 3 Core Indoor Termination	50-95	CS-I 36-3 X 1
	120-185	CS-I 36-1 X 2		120-185	CS-I 36-3 X 2
	240-400	CS-I 36-1 X 3		240-400	CS-I 36-3 X 3



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