

# Cold Shrink Indoor Terminations

Densons Cold Shrink Indoor Terminations upto 36 kV For XLPE Cable



1.1 kV PVC/XLPE Termination

"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 from the factory in a pre-expanded condition and placed on a removable core. Removing the core when properly positioned over the cables causes shrinking."

### Components :

- Cold Shrink Insulation Tube
- Cold shrink Breakout
- Cold Shrink Sealing Tube
- Roll Spring
- Sealing Mastic
- Void Filler
- Copper Mesh
- Phase Color Marking Tape
- Semi-Conductive Tape
- Silicon Grease
- Copper Binding Wire
- Cleaning Tissue
- Abrasive Strap
- Plastic Glove

\*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 need position.
- Reliable, superior insulation & high-recovery elasticity; we have adopted special silicon rubber, which will keep its radial pressure permanently ensuring environmental & electrical protection.
- 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 <sub>o</sub> /U	TYPE 8.7/ 15 (17.5) KV
50 Hz Voltage test	39 kV, 5min, no flashover, no strite
Partial discharge test	15 kV < 1pc
Cyclic load test, 3 cycles	3 cycles under 90-95°C, 22kV
Impulses voltage test	95kV no flashover, no strike
15 min, 50 Hz voltage with standing test	22kV, 15 min, no flashover,no strike
Humidity test	No any flashover, tracking,erosion or mechanical damage occur at 1000h, 11kV

14.5/25 KV	20.2/35 KV
65 kV, 5min, no flashover, no strite	91 kV, 5min, no flashover, no strite
25 kV < 1pc	35 kV < 2pc
3 cycles under 90-95°C, 36kV	3 cycles under 90-95°C, 51.5kV
125kV no flashover, no strike	194kV no flashover, no strike
36kV, 15 min, no flashover,no strike	51kV, 15 min, no flashover,no strike
No any flashover, tracking,erosion or mechanical damage occur at 1000h, 16kV	No any flashover, tracking,erosion or mechanical damage occur at 1000h, 24kV

## Ordering Information

### 15 kV INDOOR TERMINATIONS

CABLE CROSS SECTION (Sq. mm)	FOR 8.5 ( 15)kV 1 CORE INDOOR TERMINATION (Kit Code)	
25 - 50	DCSI 15-1X1	<a href="#">Enquiry</a>
70 - 120	DCSI 15-1X2	<a href="#">Enquiry</a>
150 - 240	DCSI 15-1X3	<a href="#">Enquiry</a>
300 - 400	DCSI 14-1X4	<a href="#">Enquiry</a>

CABLE CROSS SECTION (Sq. mm)	FOR 8.5 ( 15)kV 3 CORE INDOOR TERMINATION (Kit Code)	
25 - 50	DCSI 15-3X1	<a href="#">Enquiry</a>
70 - 120	DCSI 15-3X2	<a href="#">Enquiry</a>
150 - 240	DCSI 15-3X3	<a href="#">Enquiry</a>
300 - 400	DCSI 15-3X4	<a href="#">Enquiry</a>

### 24 kV INDOOR TERMINATIONS

CABLE CROSS SECTION (Sq. mm)	FOR 14.5 ( 25) kV 1 CORE INDOOR TERMINATION (Kit Code)	
50 - 95	DCSI 25-1X1	<a href="#">Enquiry</a>
120 - 185	DCSI 25-1X2	<a href="#">Enquiry</a>
240 - 400	DCSI 25-1X3	<a href="#">Enquiry</a>

CABLE CROSS SECTION (Sq. mm)	FOR 14.5 ( 25) kV 3 CORE INDOOR TERMINATION (Kit Code)	
50 - 95	DCSI 25-3X1	<a href="#">Enquiry</a>
120 - 185	DCSI 25-3X2	<a href="#">Enquiry</a>
240 - 400	DCSI 25-3X3	<a href="#">Enquiry</a>

### 35 kV INDOOR TERMINATIONS

CABLE CROSS SECTION (Sq. mm)	FOR 20.2 ( 35) kV 1 CORE INDOOR TERMINATION (Kit Code)	
50 - 95	DCSI 35-1X1	<a href="#">Enquiry</a>
120 - 185	DCSI 35-1X2	<a href="#">Enquiry</a>
240 - 400	DCSI 35-1X3	<a href="#">Enquiry</a>

CABLE CROSS SECTION (Sq. mm)	FOR 20.2 ( 35) kV 3 CORE INDOOR TERMINATION (Kit Code)	
25 - 70	DCSI 35-3X1	<a href="#">Enquiry</a>
95 - 185	DCSI 35-3X2	<a href="#">Enquiry</a>
240 - 400	DCSI 35-3X3	<a href="#">Enquiry</a>