

DCS-O/15-27-38

Densons Cold Shrink Outdoor 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 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

- Does not require heating by flaming or any special tools. Just pull out the plastic expansion core from the silicon rubber center and the stress cone will tightly shrink into position.
- Reliable, superior insulation with high-recovery elasticity; Denson Cold Shrink employs a special silicon rubber formulation which keeps its radial pressure. This permanently ensures the highest integrity of environmental & electrical protection.
- Superior hermetic sealing; for cable splicing, Denson has adopted a triple hermetic sealing technology.
- Easy/convenient installation: the carefully engineered dimensions of the pre-stressed cone provides for larger tolerances and eases installation.
- Wide Usage: Denson's expansive customer base spans areas that pose great difficulties to electrical equipment usage. Our Cold Shrink product line has a long and proven track record showing superior performance in high pollution, salt laden, thermally divergent locations. The Cold Shrink accessories can be widely applied in various regions. It is especially well suited for high altitudes, cold weather, high-humidity, salt-fog & high-pollution regions.

Specifications

TEST ITEMS OF COLD SHRINK OUTDOOR TERMINATIONS

TESTING ITEMS U ₀ /U	TYPE 8.7/ 15 (17.5) KV
50 Hz Voltage test	39 kV, 5min, no flashover, no strike
Partial discharge test	15 kV < 1pc
Cyclic load test, 3 cycles	3 cycles under 90-95°C, 23kV
Impulses voltage test	105kV no flashover, no strike
15 min, 50 Hz voltage with standing test	22kV, 15 min, no flashover, no strike
Salt fog test	No any flashover, tracking, erosion or mechanical damage occur at 1000h, 11kV

12/20 (24) kV	18/30 (36) kV
81 kV, 5min, no flashover, no strike	117 kV, 5min, no flashover, no strike
31 kV < 1pc	45 kV < 2pc
3 cycles under 90-95°C, 45kV	3 cycles under 90-95°C, 65kV
170kV no flashover, no strike	200kV no flashover, no strike
45kV, 15 min, no flashover, no strike	65kV, 15 min, no flashover, no strike
No any flashover, tracking, erosion or mechanical damage occur at 1000h, 21kV	No any flashover, tracking, erosion or mechanical damage occur at 1000h, 32.5kV

Ordering Information

11 KV OUTDOOR TERMINATIONS

CABLE CROSS SECTION (Sq. mm)	FOR 11 kV 1 CORE OUTDOOR TERMINATION (Kit Code)
25 - 50	DCSO 11-1X1 Enquiry
70 - 120	DCSO 11-1X2 Enquiry
150 - 240	DCSO 11-1X3 Enquiry
300 - 400	DCSO 11-1X4 Enquiry

CABLE CROSS SECTION (Sq. mm)	FOR 11 kV 3 CORE OUTDOOR TERMINATION (Kit Code)
25 - 50	DCSO 11-3X1 Enquiry
70 - 120	DCSO 11-3X2 Enquiry
150 - 240	DCSO 11-3X3 Enquiry
300 - 400	DCSO 11-3X4 Enquiry

24 kV OUTDOOR TERMINATIONS

CABLE CROSS SECTION (Sq. mm)	FOR 12/20 (24) kV 1 CORE OUTDOOR TERMINATION (Kit Code)
50 - 95	DCSO 24-1X1 Enquiry
120 - 185	DCSO 24-1X2 Enquiry
240 - 400	DCSO 24-1X3 Enquiry

CABLE CROSS SECTION (Sq. mm)	FOR 12/20(24) kV 3 CORE OUTDOOR TERMINATION (Kit Code)
50 - 95	DCSO 24-3X1 Enquiry
120 - 185	DCSO 24-3X2 Enquiry
240 - 400	DCSO 24-3X3 Enquiry

CABLE CROSS SECTION (Sq. mm)	FOR 12/20(24) kV 3 CORE OUTDOOR TERMINATION (Kit Code)
50 - 95	DCSO 24-3X1 Enquiry
120 - 185	DCSO 24-3X2 Enquiry
240 - 400	DCSO 24-3X3 Enquiry

36 KV OUTDOOR TERMINATIONS

CABLE CROSS SECTION (Sq. mm)	FOR 18/30(36) kV CABLE (1 CORE) OUTDOOR TERMINATION (Kit Code)
50 - 95	DCSO 36-1X1 Enquiry
120 - 185	DCSO 36-1X2 Enquiry
240 - 400	DCSO 36-1X3 Enquiry

CABLE CROSS SECTION (Sq. mm)	FOR 18/30(36) kV CABLE (3 CORE) OUTDOOR TERMINATION (Kit Code)
50 - 95	DCSO 36-3X1 Enquiry
120 - 185	DCSO 36-3X2 Enquiry
240 - 400	DCSO 36-3X3 Enquiry