

TITAN SERIES

5 - 35 kV COLD SHRINK TERMINATIONS

Cold shrink terminations for 1/C, 5 - 35 kV shielded power cables for the Electrical Utility, Commercial and Industrial markets.

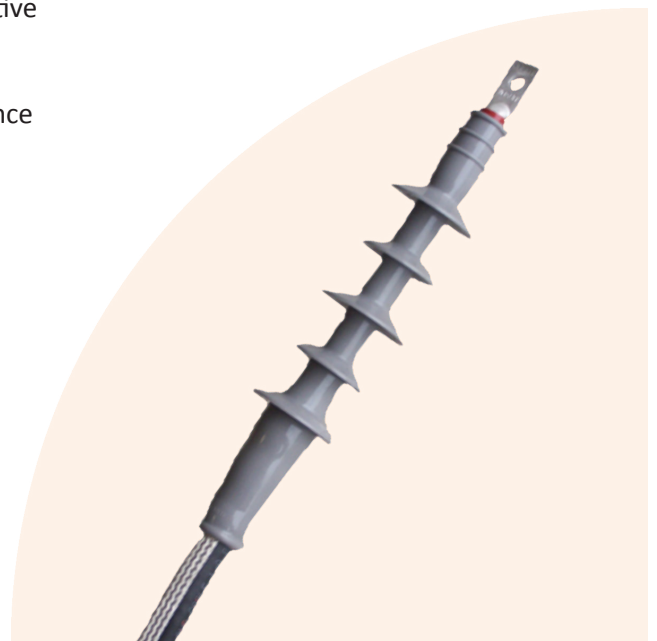
DSG-Canusa's Titan Series terminations are single core, cold shrink terminations for XLP and EPR extruded dielectric tape, wire, bare and jacketed concentric neutral shielded power cables. The terminations use silicone rubber insulating materials to provide an excellent UV resistant, non-tracking outer surface for long service life. The design includes anti-tracking, thixotropic sealants to ensure maximum protection against moisture ingress. Titan terminations feature a geometric stress cone and stress control sealant for exceptional performance and are qualified to the requirements of IEEE-48-1996 Class 1 cable accessory standards.

FEATURES

- Versatile cold shrink design
- Easy installation
- Non-tracking silicone insulating tube
- Geometric stress cone and stress control sealant
- Spiral rip cord housing
- Rated to IEEE-48-1996 Class 1

BENEFITS

- Compact design for all types of extruded dielectric cables covering the full range from #2 AWG to 1500 kcmil
- One piece terminators designed for quick, easy and cost effective installation
- Offers superior weathering and track resistance. Four skirted design for outdoor applications provides extra creepage distance
- Provides exceptional performance and secondary seal
- Unwinds easily to facilitate quick removal of the core without having to twist and pull off the terminator body
- Demonstrates superior cable sealing and voltage withstand characteristics per Electrical Utility industry standards



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TEST DATA

TERMINATION TESTS TO IEEE 48-1996, CLASS 1 STANDARD TEST PROCEDURES AND REQUIREMENTS FOR ALTERNATING CURRENT CABLE TERMINATIONS 2.5 kV THROUGH 765 kV	TEST SEQUENCE	VOLTAGE CLASS			
		5 - 8 kV	15 kV	25 kV	35 kV
Partial discharge (corona) extinction voltage <5 pC	↓	7.5 kV	13 kV	21.5 kV	30 kV
Power frequency voltage 1 min dry withstand	↓	35 kV	50 kV	65 kV	90 kV
Power frequency voltage 6 hr dry withstand	↓	25 kV	35 kV	55 kV	75 kV
Power frequency voltage 10 sec wet withstand	↓	30 kV	45 kV	60 kV	80 kV
Direct voltage 15 min dry withstand	↓	65 kV	75 kV	105 kV	140 kV
Lightning impulse voltage withstand (1.2 x 50 μs wave)	↓	95 kV	110 kV	150 kV	200 kV
Partial discharge (corona) extinction voltage <5 pC	↓	7.5 kV	13 kV	21.5 kV	30 kV
Cyclic Aging: 30 cycles; 130°C for 6 hr/day at:	↓	15 kV	26 kV	43 kV	60 kV
Lightning impulse voltage withstand (1.2 x 50 μs wave)	↓	95 kV	110 kV	150 kV	200 kV
Partial discharge (corona) extinction voltage <5 pC	↓	7.5 kV	13 kV	21.5 kV	30 kV
Pressure leak test: 30 psig for 1 hr, 15 psig for 2 hr, 7.5 psig for 6 hr and 67 Pa to <670 Pa for 30 min	■	Pass	Pass	Pass	Pass
Continuous current rating	Equal to cable ampacity				

PRODUCT LINE

- TITAN UD SERIES:** 15 kV through 35kV bare and jacketed concentric neutral, extruded dielectric (XLPE or EPR) underground distribution cable, indoor and outdoor terminations
 - Available as a single core kit, packaged one single core kit per box
 - Optional cable preparation/cleaning kit can be included
 - Covers #2 AWG to 1500 kcmil conductor size range
- TITAN G SERIES:** 5 kV through 35 kV copper tape, drain wire, Unishield® shielded, extruded dielectric (XLPE or EPR) cable indoor and outdoor terminations
 - Available in single core kits, packaged three kits per box
 - Covers #2 AWG to 1500 kcmil conductor size range

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