

TITAN NS SERIES

INSULATE
SEAL
PROTECT

COLD SHRINK MEDIUM VOLTAGE CABLE TERMINATIONS

Cold Shrink cable terminations for single core, 5kV to 8kV XLPE and EPR non-shielded cables for the electrical utility and construction markets.

FEATURES AND BENEFITS

- One piece terminators designed for quick, easy and cost effective installation.
- Compact design covers full range from #4AWG to 1000kcmil.
- Non-tracking silicone insulating tube offers superior weathering and track resistance.
- Spiral rip cord housing unwinds easily to facilitate quick removal of the hold-out core
- Anti-tracking thixotropic sealant ensures maximum protection against moisture ingress.

STANDARDS

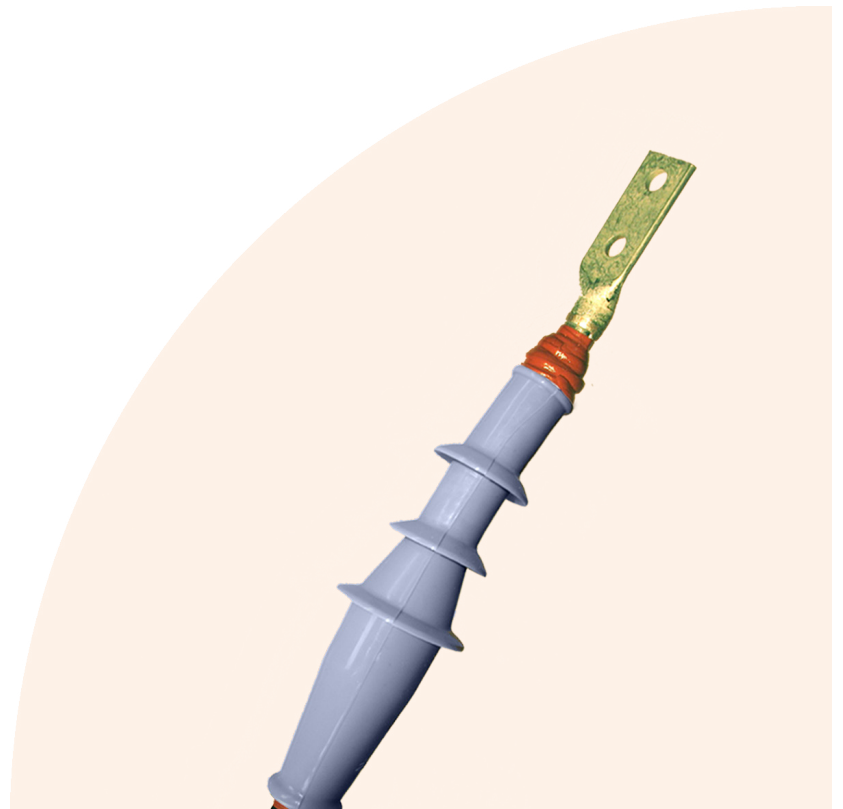
- Rated to IEEE-48-1996, Class 1

TEST REPORTS

The TITAN 150 Series terminations were tested to the requirements of IEEE 48-1996 Class 1 at an independent laboratory.

Test report available:

- TITAN 150 Series: HVS CST 181207



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DIMENSIONS

| INDOOR/OUTDOOR KIT ORDER # | CONDUCTOR SIZE RANGE | INSULATION DIAMETER (MIN –MAX) | | JACKET DIAMETER (MAX) | | STANDARD PACKAGE KITS/BOX |
|-------------------------------|-------------------------|-----------------------------------|----|--------------------------|----|-------------------------------------|
| | | IN | MM | IN | MM | |

NON-SHIELDED CABLE, 5KV 100%

| | | | | | | |
|-------------|-----------------------|-----------|-----------|------|----|---|
| TITAN 050NS | #2-#3/0 AWG | 0.51-0.71 | 13-18 | 0.91 | 23 | 3 |
| TITAN 051NS | #3/0 AWG-250 KCMIL | 0.64-0.79 | 16.2-20.2 | 1.10 | 28 | 3 |
| TITAN 052NS | 250 KCMIL - 500 KCMIL | 0.79-1.04 | 20-26.4 | 1.42 | 36 | 3 |
| TITAN 053NS | 500 - 1000 KCMIL | 1.02-1.45 | 26-36.8 | 1.73 | 44 | 3 |

NON-SHIELDED CABLE, 5KV 133%

| | | | | | | |
|-------------|-------------------|-----------|-----------|------|----|---|
| TITAN 050NS | #4-#2/0 AWG | 0.51-0.71 | 13-18 | 0.91 | 23 | 3 |
| TITAN 051NS | #2/0-#4/0 AWG | 0.64-0.79 | 16.2-20.2 | 1.10 | 28 | 3 |
| TITAN 052NS | #4/0 AWG-500KCMIL | 0.79-1.04 | 20-26.4 | 1.42 | 36 | 3 |
| TITAN 053NS | 500-1000KCMIL | 1.02-1.45 | 26-36.8 | 1.73 | 44 | 3 |

NON-SHIELDED CABLE, 8KV 100%

| | | | | | | |
|-------------|---------------------|-----------|-----------|------|----|---|
| TITAN 050NS | #4 AWG - #2/0 AWG | 0.51-0.71 | 13-18 | 0.91 | 23 | 3 |
| TITAN 081NS | #2/0 - #4/0 AWG | 0.64-0.79 | 16.2-20.2 | 1.10 | 28 | 3 |
| TITAN 082NS | #4/0 AWG - 500KCMIL | 0.79-1.04 | 20-26.4 | 1.42 | 36 | 3 |
| TITAN 083NS | 500-1000KCMIL | 1.02-1.45 | 26-36.8 | 1.73 | 44 | 3 |

NON-SHIELDED CABLE, 8KV 133%

| | | | | | | |
|-------------|---------------------|-----------|-----------|------|----|---|
| TITAN 050NS | #4 AWG - 2/0 AWG | 0.51-0.71 | 13-18 | 0.91 | 23 | 3 |
| TITAN 081NS | #1 - #3/0 AWG | 0.64-0.79 | 16.2-20.2 | 1.10 | 28 | 3 |
| TITAN 082NS | #3/0 AWG - 500KCMIL | 0.79-1.04 | 20-26.4 | 1.42 | 36 | 3 |
| TITAN 083NS | 500 - 1000 KCMIL | 1.02-1.45 | 26-36.8 | 1.73 | 44 | 3 |

ORDERING

- Select the termination kit for the size of non-shielded power cable to be terminated.
- Confirm the minimum & maximum cable dimensions are not exceeded. When at the high end of the conductor range it might be necessary to select the next larger kit size. Size range dimensions are based on the cable dimension in the AEIC CS8-07 (3rd Edition) standards.
- All kits are supplied with a silicone rubber termination, mastic sealants and instruction sheet.
- As an option, the TITAN NS Series Kits can be converted to 3/C kits by purchasing a TITAN 3MODB1, TITAN 3MODB2 or TITAN 3MODB3 conversion kit.