

35kV TITAN Z G SERIES



INSULATE
SEAL
PROTECT

COLD SHRINK MEDIUM VOLTAGE CABLE TERMINATIONS

Cold Shrink cable terminations for single core, 35 kV XLPE and EPR copper tape, drain wire, Unishield® or lead sheathed power cables for the electrical construction market

FEATURES AND BENEFITS

- All-in-one integrated body incorporating stress control and sealant mastics
- Patent pending stress control system based on microvaristor (ZnO) technology that delivers exceptional discharge and impulse performance
- Quick and easy installation. Offering fewest number of steps to install
- Improved spiral rip core assembly uses smooth edges for simpler installation with less effort. Heat tacked spiral core prevents unravelling during shipping and handling
- Excellent UV Resistance and hydrophobic characteristics
- Silicone rubber body provides excellent track and erosion resistance
- 2 hole lug and stem Connectors rated to 35kV available for packaging in kits

STANDARDS

- Tested to latest requirements of IEEE-48-2009, Class 1 standards

TEST REPORTS

- TITAN Z, 35 kV Series:
HVS 040416



DIMENSIONS

| DSG-CANUSA KIT ORDER NUMBER | | CONDUCTOR SIZE RANGE (AWG AND KCMIL) | | INSULATION DIAMETER (MIN –MAX) | | JACKET DIAMETER (MAX) | | STANDARD PACKAGE |
|-----------------------------|---------------|---|------|--------------------------------------|-----------|--------------------------|----|---------------------|
| INDOOR | OUTDOOR | MIN | MAX | IN | MM | IN | MM | KITS/BOX |
| 35kV 100% AND 133% | | | | | | | | |
| TITAN Z 354S | TITAN Z 354SE | 1/0 | 350 | 1.04-1.63 | 26.5-41.4 | 2.28 | 58 | 3 |
| TITAN Z 355S | TITAN Z 355SE | 350 | 1500 | 1.34-2.33 | 34-59.1 | 2.67 | 68 | 3 |

ORDERING

- As an option, **2 hole lug and stem connectors can also be supplied.** Please contact your Customer Service Representative for information on types and sizes of connectors required



Lug connector



Stem connector

- Select the termination kit for the size of copper tape, drain wire, lead-sheathed or Unishield® shielded power cable to be terminated
- Confirm the minimum and 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 dimensions in the AEIC CS8-07 (3rd edition) standards
- All kits are supplied with external grounding kits. For terminations exposed to direct precipitation, select the outdoor termination that includes the suffix “E” in the part number. E.g. TITAN Z 354SE. To include a cable prep kit, add the suffix “P” to the end of the part number