

INSULATE
SEAL
PROTECT

COLD SHRINK MEDIUM VOLTAGE CABLE TERMINATIONS

Cold Shrink cable terminations for single core, 15 kV to 28 kV XLPE and EPR bare and jacketed concentric neutral underground distribution cables for the Electrical Utility market.

FEATURES AND BENEFITS

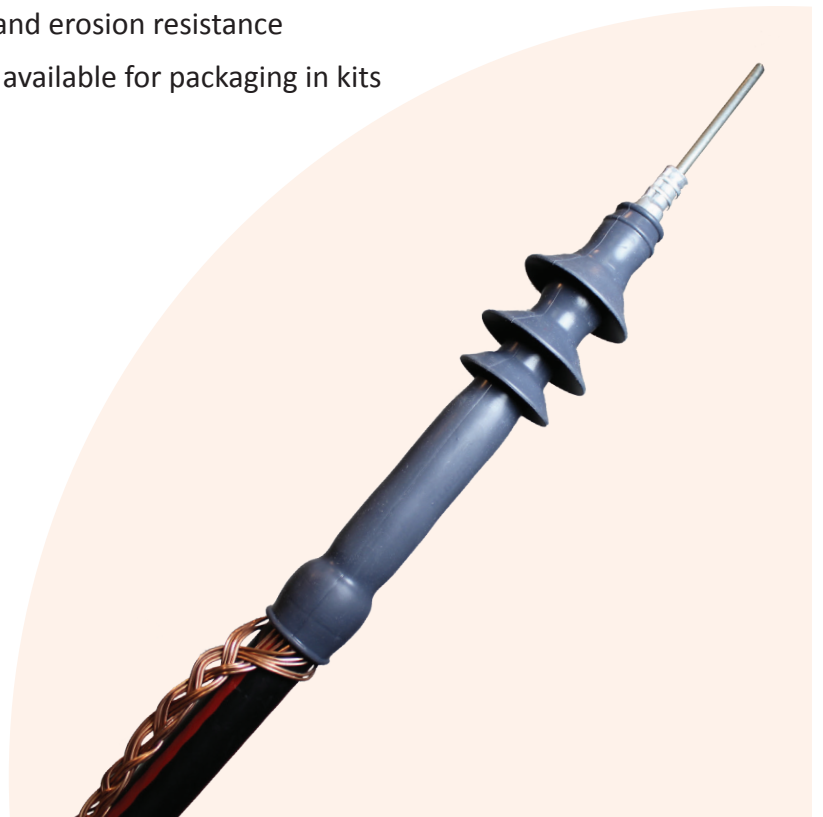
- All-in-one integrated body incorporating stress control and sealant mastics
- Unique patented stress control system based on microvaristor (ZnO) technology that delivers exceptional discharge and impulse performance
- Quick and easy installation. Offering fewest number of steps to install
- Improved 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
- Tested at an independent accredited laboratory to ISO/IEC 17025 standards

TEST REPORTS

- TITAN Z, 5-28kV Series:
Report# K-423192-RC-0000-R00



COLD SHRINK MEDIUM VOLTAGE CABLE TERMINATIONS

TITAN Z UD SERIES

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	
15kV 100% AND 133%							
Bare Concentric Neutral							
TITAN Z 151BE	#2	1/0	0.57-0.90	14.5-23	1.10	28	1
TITAN Z 152BE	1/0	250	0.71-1.26	18-32	1.50	38	1
TITAN Z 153BE	4/0	500	0.83-1.34	21-34	1.65	42	1
TITAN Z 154BE	350	750	1.04-1.54	26.5-39	1.97	50	1
TITAN Z 155BE	750	2000	1.34-2.19	34-55.5	2.83	72	1
Jacketed Concentric Neutral							
TITAN Z 151JE	#2	1/0	0.57-0.90	14.5-23	1.10	28	1
TITAN Z 152JE	1/0	250	0.71-1.26	18-32	1.50	38	1
TITAN Z 153JE	4/0	500	0.83-1.34	21-34	1.65	42	1
TITAN Z 154JE	350	750	1.04-1.54	26.5-39	1.97	50	1
TITAN Z 155JE	750	2000	1.34-2.19	34-55.5	2.83	72	1
25/28kV 100% AND 133%							
Bare Concentric Neutral							
TITAN Z 252BE	#1	4/0	0.71-1.26	18-32	1.50	38	1
TITAN Z 253BE	1/0	250	0.83-1.34	21-34	1.65	42	1
TITAN Z 254BE	250	500	1.04-1.54	26.5-39	1.97	50	1
TITAN Z 255BE	500	1500	1.34-2.19	34-55.5	2.83	72	1
Jacketed Concentric Neutral							
TITAN Z 252JE	#1	4/0	0.71-1.26	18-32	1.50	38	1
TITAN Z 253JE	1/0	250	0.83-1.34	21-34	1.65	42	1
TITAN Z 254JE	250	500	1.04-1.54	26.5-39	1.97	50	1
TITAN Z 255JE	500	1500	1.34-2.19	34-55.5	2.83	72	1

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 bare or jacketed concentric neutral 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 dimensions are based on the cable dimensions in the AEIC CS8-07 (3rd edition) standards
- For terminations exposed to direct precipitation, select the outdoor termination that includes the suffix “E” in the part number. E.g. TITAN Z 151JE. To include a cable prep kit, add the suffix “P” to the end of the part number

All information contained in this data sheet is believed to be reliable. We advise, however, that customers should separately evaluate the suitability of our products for their particular application. DSG-Canusa and ShawCor give no guarantees in respect of the accuracy or sufficiency of the information presented and disclaim any liability regarding its use. Our responsibilities are only those listed in our Standard Terms and Conditions of Sale for these products. In no instance will we be liable for any eventual, indirect or consequential damage or damages arising from the sale, resale, transfer, use or misuse of the product.

REV: 04/02/2015

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Canada: 800.845.6808

www.dsgcanusa.com