

TITAN Z UD Series

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
- 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
- Tested at an independent accredited laboratory to ISO/IEC 17025 standards Test Reports
- TITAN Z, 5-28kV Outdoor Series:
Report# K-423192-RC-0000-R00
- TITAN Z, 5-28kV Indoor Series
Report# K-423388-RC-000-R00

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.





- 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

Bare Concentric Neutral

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
15kV 100% and 133%								
TITAN Z 151B	TITAN Z 151BE	#2	1/0	0.57-0.90	14.5-23	1.10	28	1
TITAN Z 152B	TITAN Z 152BE	1/0	250	0.71-1.26	18-32	1.50	38	1
TITAN Z 153B	TITAN Z 153BE	4/0	500	0.83-1.34	21-34	1.65	42	1
TITAN Z 154B	TITAN Z 154BE	350	750	1.04-1.54	26.5-39	1.97	50	1
TITAN Z 155B	TITAN Z 155BE	750	2000	1.34-2.19	34-55.5	2.67	68	1
25/28kV 100% and 133%								
TITAN Z 252B	TITAN Z 252BE	#1	4/0	0.71-1.26	18-32	1.50	38	1
TITAN Z 253B	TITAN Z 253BE	1/0	250	0.83-1.34	21-34	1.65	42	1

ORDER NUMBER		CONDUCTOR SIZE RANGE (AWG AND KCMIL)		INSULATION DIAMETER (MIN - MAX)		JACKET DIAMETER (MAX)		STANDARD PACKAGE
TITAN Z 254B	TITAN Z 254BE	250	500	1.04-1.54	26.5-39	1.97	50	1
TITAN Z 255B	TITAN Z 255BE	500	1500	1.34-2.19	34-55.5	2.67	68	1

Jacketed Concentric Neutral

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
15kV 100% and 133%								
TITAN Z 151J	TITAN Z 151JE	#2	1/0	0.57-0.90	14.5-23	1.10	28	1
TITAN Z 152J	TITAN Z 152JE	1/0	250	0.71-1.26	18-32	1.50	38	1
TITAN Z 153J	TITAN Z 153JE	4/0	500	0.83-1.34	21-34	1.65	42	1
TITAN Z 154J	TITAN Z 154JE	350	750	1.04-1.54	26.5-39	1.97	50	1
TITAN Z 155J	TITAN Z 155JE	750	2000	1.34-2.19	34-55.5	2.67	68	1
25/28kV 100% and 133%								
TITAN Z 252J	TITAN Z 252JE	#1	4/0	0.71-1.26	18-32	1.50	38	1
TITAN Z 253J	TITAN Z 253JE	1/0	250	0.83-1.34	21-34	1.65	42	1
TITAN Z 254J	TITAN Z 254JE	250	500	1.04-1.54	26.5-39	1.97	50	1
TITAN Z 255J	TITAN Z 255JE	500	1500	1.34-2.19	34-55.5	2.67	68	1

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