

INSULATE
SEAL
PROTECT

COLD SHRINK MEDIUM VOLTAGE CABLE TERMINATIONS

Cold Shrink cable terminations for single core, 15 kV to 35 kV XLPE and EPR bare and jacketed concentric neutral underground distribution cables for the electrical utility market.

FEATURES AND BENEFITS

- One piece terminators designed for quick, easy and cost effective installation
- Compact design covers full range from #2AWG to 1500kcmil
- Non-tracking silicone insulating tube offers superior weathering and track resistance
- Geometric stress cone and stress control sealant design provides exceptional performance and secondary seal.
- 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

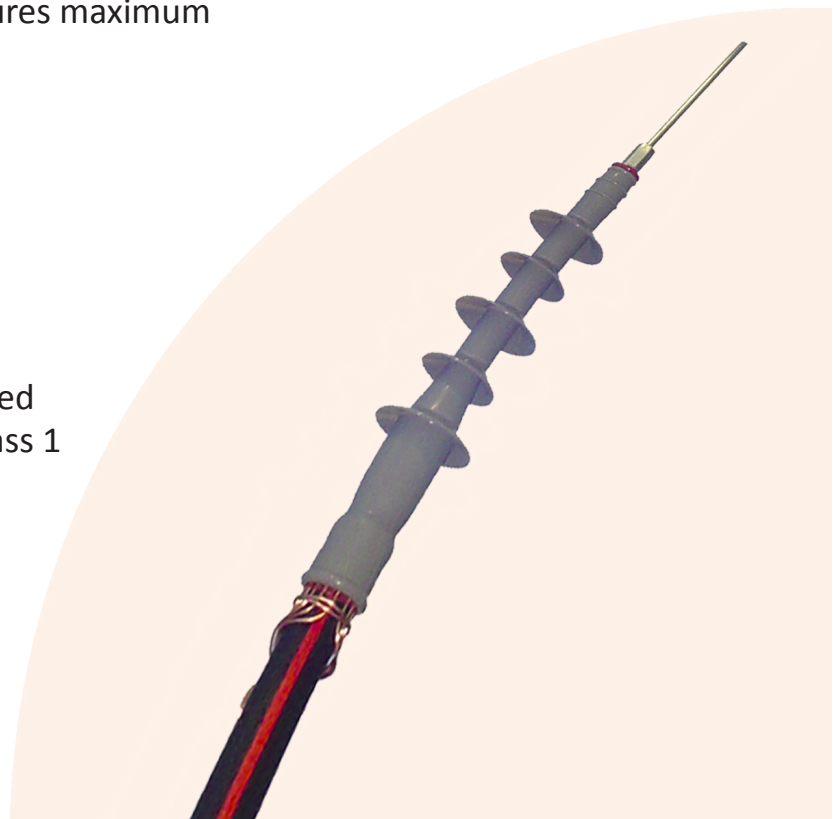
- Rated to IEEE-48-1996, Class 1

TEST REPORTS

The TITAN 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
- TITAN 350 Series: HVS CST 111209



COLD SHRINK MEDIUM VOLTAGE CABLE TERMINATIONS

TITAN UD SERIES

DIMENSIONS

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

BARE CONCENTRIC NEUTRAL CABLE

15kV		15kV, 100 %		15kV, 133 %								
TITAN 150B	TITAN 150BE	#2 AWG	0.51-0.71	13-18	0.91	23	-	-	-	0.91	23	1
TITAN 151B	TITAN 151BE	#2 AWG - #2/0	0.64-0.79	16.2-20.2	1.10	28	#2 AWG - #1/0	0.64-0.79	16.2-20.2	1.10	28	1
TITAN 152B	TITAN 152BE	#3/0 AWG - 350 KCMIL	0.79-1.04	20-26.4	1.42	36	#1/0 AWG - 250 KCMIL	0.79-1.04	20-26.4	1.42	36	1
TITAN 153B	TITAN 153BE	350-750 KCMIL	1.02-1.45	26-36.8	1.73	44	250-750 KCMIL	1.02-1.45	26-36.8	1.73	44	1
TITAN 154B	TITAN 154BE	750-1000 KCMIL	1.34-1.77	34-45	2.28	58	750-1000 KCMIL	1.45-1.77	36.8-45	2.28	58	1
25-28kV		25-28kV, 100 %		25-28kV, 133 %								
TITAN 251B	TITAN 251BE	#1-500 KCMIL	0.87-1.53	22-39	1.63	41	#1-500 KCMIL	0.87-1.53	22-39	1.63	41	1
TITAN 252B	TITAN 252BE	350-750 KCMIL	1.23-1.75	31-44	1.89	48	350-750 KCMIL	1.23-1.75	31-44	1.89	48	1
TITAN 253B	TITAN 253BE	750-1000 KCMIL	1.42-1.90	36-48	2.20	56	750-1000 KCMIL	1.42-1.90	36-48	2.20	56	1
TITAN 254B	TITAN 254BE	1000-1500 KCMIL	1.63-2.20	41-56	2.67	68	1000-1500 KCMIL	1.63-2.20	41-56	2.67	68	1
35kV		35kV, 100 %		35kV, 133 %								
TITAN 351B	TITAN 351BE	1/0-250 AWG	1.04-1.49	26-38	1.59	40	1/0-250 AWG	1.04-1.49	26-38	1.59	40	1
TITAN 352B	TITAN 352BE	350-500 KCMIL	1.23-1.75	31-44	1.89	48	350-500 KCMIL	1.23-1.75	31-44	1.89	48	1
TITAN 353B	TITAN 353BE	500-1000 KCMIL	1.42-2.09	36-53	2.20	56	500-1000 KCMIL	1.42-2.09	36-53	2.20	56	1
TITAN 354B	TITAN 354BE	1000-1500 KCMIL	1.70-2.20	43-56	2.67	68	1000-1500 KCMIL	1.70-2.20	43-56	2.67	68	1

JACKETED CONCENTRIC NEUTRAL CABLE

15kV		15kV, 100 %		15kV, 133 %								
TITAN 150J	TITAN 150JE	#2 AWG	0.51-0.71	13-18	0.91	23	-	-	-	0.91	23	1
TITAN 151J	TITAN 151JE	#1 AWG - #2/0	0.64-0.79	16.2-20.2	1.10	28	#2 AWG - #1/0	0.64-0.79	16.2-20.2	1.10	28	1
TITAN 152J	TITAN 152JE	#3/0 AWG - 350 KCMIL	0.79-1.04	20-26.4	1.42	36	#1/0 AWG - 250KCMIL	0.79-1.04	20-26.4	1.42	36	1
TITAN 153J	TITAN 153JE	350-750 KCMIL	1.02-1.45	26-36.8	1.73	44	250-750 KCMIL	1.02-1.45	26-36.8	1.73	44	1
TITAN 154J	TITAN 154JE	750-1000 KCMIL	1.34-1.77	34-45	2.28	58	750-1000 KCMIL	1.45-1.77	36.8-45	2.28	58	1
25-28kV		25-28kV, 100 %		25-28kV, 133 %								
TITAN 251J	TITAN 251JE	#1-250 KCMIL	0.87-1.22	22-31	1.59	40	#1-3/0 AWG	0.87-1.22	22-31	1.59	40	1
TITAN 252J	TITAN 252JE	350-500 KCMIL	1.23-1.42	31-36	1.89	48	4/0-350 KCMIL	1.20-1.42	31-36	1.89	48	1
TITAN 253J	TITAN 253JE	750-1000 KCMIL	1.42-1.74	36-44	2.27	58	500-750 KCMIL	1.42-1.70	36-43	2.22	56	1
TITAN 254J	TITAN 254JE	1000-1500 KCMIL	1.63-2.20	41-56	2.67	68	750-1500 KCMIL	1.63-2.20	41-56	2.67	68	1
35kV		35kV, 100 %		35kV, 133 %								
TITAN 351J	TITAN 351JE	1/0-3/0 AWG	1.04-1.22	26-31	1.59	40	-	-	-	-	-	1
TITAN 352J	TITAN 352JE	4/0-350KCMIL	1.20-1.42	31-36	1.78	45	1/0-4/0 AWG	1.23-1.48	31-36	1.87	47	1
TITAN 353J	TITAN 353JE	500-750 KCMIL	1.42-1.70	36-43	2.20	56	250-500 KCMIL	1.42-1.73	36-43	2.20	56	1
TITAN 354J	TITAN 354JE	750-1500 KCMIL	1.63-2.20	41-56	2.67	68	750-1500 KCMIL	1.63-2.20	41-56	2.67	68	1

ORDERING

- Select the termination kit for the size of bare or jacket concentric neutral 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.
- For terminations that will be exposed to direct precipitation, select outdoor termination by adding the suffix "E" to the part number. eg TITAN 154JE. To include a cable prep kit, add the suffix "P" to the end of the order 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.

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