

# TITAN G SERIES

INSULATE  
SEAL  
PROTECT

## COLD SHRINK MEDIUM VOLTAGE CABLE TERMINATIONS

Cold Shrink cable terminations for single core, 5kV to 35 kV XLPE and EPR copper tape, drain wire, UniShield® or lead sheathed power cables for the electrical construction market.

### FEATURES AND BENEFITS

- One piece terminators designed for quick, easy and cost effective installation.
- Compact design covers full range from #4AWG to 1500kcmil.
- Non-tracking silicone insulating tube offers superior weathering and track resistance.
- Geometric stress cone & stress control sealant design provides exceptional performance & 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
- RUS approved (15 - 35 kV)

### 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
- TITAN 350 Series: HVS CST 111209



## DIMENSIONS

INDOOR KIT ORDER #	OUTDOOR KIT ORDER #	CONDUCTOR SIZE RANGE	INSULATION DIAMETER (MIN –MAX)		JACKET DIAMETER (MAX)		CONDUCTOR SIZE RANGE	INSULATION DIAMETER (MIN –MAX)		JACKET DIAMETER (MAX)		STANDARD PACKAGE  KITS/BOX
			IN	MM	IN	MM		IN	MM	IN	MM	
<b>5kV</b>		<b>5kV, 100 %</b>					<b>5kV, 133 %</b>					
TITAN 050S	TITAN 050SE	#2-#3/0 AWG	0.51-0.71	13-18	0.91	23	#4-#2/0 AWG	0.51-0.71	13-18	0.91	23	3
TITAN 051S	TITAN 051SE	#3/0 AWG-250 KCMIL	0.64-0.79	16.2-20.2	1.10	28	#2/0-#4/0 AWG	0.64-0.79	16.2-20.2	1.10	28	3
TITAN 052S	TITAN 052SE	250 KCMIL - 500 KCMIL	0.79-1.04	20-26.4	1.42	36	#4/0 AWG-500KCMIL	0.79-1.04	20-26.4	1.42	36	3
TITAN 053S	TITAN 053SE	500 - 1000 KCMIL	1.02-1.45	26-36.8	1.73	44	500-1000KCMIL	1.02-1.45	26-36.8	1.73	44	3
<b>8kV</b>		<b>8kV, 100 %</b>					<b>8kV, 133 %</b>					
TITAN 080S	TITAN 080SE	#4 AWG - #2/0 AWG	0.51-0.71	13-18	0.91	23	#4 AWG - 2/0 AWG	0.51-0.71	13-18	0.91	23	3
TITAN 081S	TITAN 081SE	#2/0 - #4/0 AWG	0.64-0.79	16.2-20.2	1.10	28	#1 - #3/0 AWG	0.64-0.79	16.2-20.2	1.10	28	3
TITAN 082S	TITAN 082SE	#4/0 AWG - 500KCMIL	0.79-1.04	20-26.4	1.42	36	#3/0 AWG - 500KCMIL	0.79-1.04	20-26.4	1.42	36	3
TITAN 083S	TITAN 083SE	500-1000KCMIL	1.02-1.45	26-36.8	1.73	44	500 - 1000 KCMIL	1.02-1.45	26-36.8	1.73	44	3
<b>15kV</b>		<b>15kV, 100 %</b>					<b>15kV, 133 %</b>					
TITAN 150S	TITAN 150SE	#2	0.51-0.71	13-18	0.91	23	-	-	-	-	-	
TITAN 151S	TITAN 151SE	#1 - #2/0	0.64-0.79	16.2-20.2	1.10	28	#2 - #1	0.64-0.79	16.2-20.2	1.10	28	3
TITAN 152S	TITAN 152SE	#2/0 -350 KCMIL	0.79-1.04	20-26.4	1.42	36	#1/0 - #4/0	0.79-1.04	20-26.4	1.42	36	3
TITAN 153S	TITAN 153SE	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	3
TITAN 154S	TITAN 154SE	1000 KCMIL	1.45-1.77	36.8-45	2.28	58	750 - 1000 KCMIL	1.45-1.77	36.8-45	2.28	58	3
<b>25-28kV</b>		<b>25-28kV, 100 %</b>					<b>25-28kV, 133 %</b>					
TITAN 251S	TITAN 251SE	#1-350 KCMIL	0.85-1.23	22-31	1.50	38	#1-4/0 AWG	0.99-1.25	25-32	1.52	39	3
TITAN 252S	TITAN 252SE	500-750 KCMIL	1.23-1.52	31-39	1.84	47	250-500 KCMIL	1.22-1.52	31-39	1.79	45	3
TITAN 253S	TITAN 253SE	750-1000 KCMIL	1.42-1.68	36-43	2.05	52	500-750 KCMIL	1.42-1.70	36-43	2.05	52	3
TITAN 254S	TITAN 254SE	1000-1500 KCMIL	1.63-2.20	41-56	2.67	68	750-1500 KCMIL	1.63-2.20	41-56	2.67	68	3
<b>35kV</b>		<b>35kV, 100 %</b>					<b>35kV, 133 %</b>					
TITAN 351S	TITAN 351SE	1/0-4/0 AWG	1.04-1.29	26-33	1.54	39	1/0 AWG ONLY	1.04-1.29	26-33	1.54	39	3
TITAN 352S	TITAN 352SE	250-350 KCMIL	1.23-1.42	31-36	1.75	44	2/0-250 KCMIL	1.23-1.44	31-36	1.75	44	3
TITAN 353S	TITAN 353SE	500-750 KCMIL	1.42-1.66	36-42	2.05	52	350-500 KCMIL	1.42-1.70	36-43	2.05	52	3
TITAN 354S	TITAN 354SE	1000-1500 KCMIL	1.63-2.20	43-56	2.67	68	750-1500 KCMIL	1.63-2.20	43-56	2.67	68	3

## ORDERING

- 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 & 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 external grounding kits. For terminations that will be exposed to direct precipitation, select the outdoor termination by adding the suffix “E” to the part number. eg TITAN 154SE. 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.