

INSULATE  
SEAL  
PROTECT

## HEAT SHRINK MEDIUM VOLTAGE CABLE TERMINATIONS

HEAT SHRINK CABLE TERMINATIONS FOR SINGLE CORE, 5 kV TO 35 kV, COPPER TAPE, DRAIN WIRE, UNISHIELD® OR LEAD SHEATHED XLPE AND EPR POWER CABLES FOR THE ELECTRICAL CONSTRUCTION MARKET

### FEATURES AND BENEFITS

- Fast, consistent installation means lower installed costs
- Heat activated seals ensure maximum protection against moisture ingress
- Installation environment: use of torch adds flexibility to cable preparation in any climate
- Light weight construction requires no additional support
- UV resistant, non-tracking outer tube for long life, even under adverse conditions
- Slim profile allows installation in confined switch gear cubicles

### STANDARDS

- Rated to IEEE 48-1996, Class 1

### TEST REPORTS

The CT 080 series through CT 350 series terminations were tested to the requirements of IEEE 48-1996 Class 1 at an independent laboratory.

Test reports are available as follows:

- CT 080 series: HVS020075
- CT 150 series: HVS 020076
- CT 250 series: HVS020077 and HVS020083
- CT 350 series: HVS020078



## DIMENSIONS

INDOOR KIT ORDER NUMBER	OUTDOOR KIT ORDER NUMBER	CONDUCTOR SIZE RANGE	INSULATION DIAMETER MIN. - MAX.		JACKET DIAMETER MAX.	
			IN	MM	IN	MM
5 kV						
CT 081(G)	CT 081E(G)	#4 - #1 AWG	0.40 - 0.60	11 - 16	0.95	24
CT 082 (G)	CT 082E(G)	1/0 - 250 kcmil	0.60 - 0.95	16 - 24	1.20	30
CT 083(G)	CT 083E(G)	300 - 500 kcmil	0.80 - 1.25	21 - 35	1.50	38
CT 084(G)	CT 084E(G)	600 - 1750 kcmil	1.10 - 1.75	28 - 45	2.10	55
CT 085(G)	CT 085E(G)	1500 - 2500 kcmil	1.60 - 2.45	41 - 62	2.75	70
8 kV						
CT 081(G)	CT 081E(G)	#6 - #2 AWG	0.40 - 0.60	11 - 16	0.95	24
CT 082(G)	CT 082E(G)	#1 - 4/0 AWG	0.60 - 0.95	16 - 24	1.20	30
CT 083(G)	CT 083E(G)	250 - 500 kcmil	0.80 - 1.25	21 - 35	1.50	38
CT 084(G)	CT 084E(G)	600 -- 1750 kcmil	1.10 - 1.75	28 - 45	2.10	55
CT 085(G)	CT 085E(G)	1500 - 2500 kcmil	1.60 - 2.45	41 - 62	2.75	70
15 kV						
CT 151(G)	CT 151E(G)	#4 - 4/0 AWG	0.60 - 1.05	16 - 27	1.45	37
CT 152(G)	CT 152E(G)	3/0 - 350 kcmil	0.80 - 1.25	21 - 35	1.75	45
CT 153(G)	CT 153E(G)	400 - 1000 kcmil	1.10 - 1.65	28 - 42	2.10	55
CT 154(G)	CT 154E(G)	1250 - 2500 kcmil	1.60 - 2.45	41 - 63	2.75	70
25 - 28 kV						
CT 251(G)	CT 251E(G)	#2 - 350 kcmil	0.80 - 1.40	21 - 35	1.80	46
CT 252(G)	CT 252E(G)	350 - 1000 kcmil	1.10 - 1.80	28 - 46	2.50	64
CT 253(G)	CT 253E(G)	1000 - 1750 kcmil	1.60 - 2.45	41 - 63	2.75	70
35 kV						
CT 351(G)	CT 351E(G)	#1 - 250 kcmil	0.95 - 1.40	24 - 35	1.90	48
CT 352(G)	CT 352E(G)	250 - 1000 kcmil	1.25 - 2.10	32 - 53	2.60	66

## ORDERING

- Select the termination kit size for the copper tape, drain wire, lead sheathed or UniShield® shielded power cable to be terminated.
- Confirm the cable dimensions. At the high end of the conductor range it may be necessary to select the next larger size kit. Dimensions are based on cable information from AEIC CS5 and CS6 cable standards.
- For terminations that will be exposed to direct precipitation select the outdoor termination by adding the suffix "E" to the part number. To add an external grounding kit for tape shielded cables add "G" to the part number. To include a cable preparation kit add the suffix "P" to the end of the part number. FOR EXAMPLE: a 15 kV outdoor termination for 2/0 cable with an external ground kit and cable preparation kit would be CT 151EGP.

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.