

INSULATE
SEAL
PROTECT

HEAT SHRINK MEDIUM VOLTAGE CABLE TERMINATIONS

HEAT SHRINK CABLE TERMINATIONS FOR SINGLE CORE, 15 kV TO 35 kV, LONGITUDINALLY CORRUGATED SHIELDED CABLE FOR THE ELECTRICAL UTILITY 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
- Lightweight 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 150 series through CT 350 series terminations were tested to the requirements of IEEE 48-1996 at an independent laboratory.

Test reports are available as follows:

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



HEAT SHRINK MEDIUM VOLTAGE CABLE TERMINATIONS

CT LC SERIES

DIMENSIONS

INDOOR KIT ORDER NUMBER	OUTDOOR KIT ORDER NUMBER	CONDUCTOR SIZE RANGE	INSULATION DIAMETER MIN. - MAX.		JACKET DIAMETER MAX.		STANDARD PACKAGE KITS/BOX
			IN	MM	IN	MM	
15 kV							
CT 151LC	CT 151LCE	#4 - 3/0 AWG	0.60 - 1.00	16 - 25	1.30	33	1
CT 152LC	CT 152LCE	3/0 - 350 kcmil	0.80 - 1.25	21 - 35	1.75	45	1
CT 153LC	CT 153LCE	400 - 1000 kcmil	1.10 - 1.65	28 - 42	2.10	55	1
CT 154LC	CT 154LCE	1250 - 2500 kcmil	1.60 - 2.45	41 - 63	2.75	70	1
25 - 28 kV							
CT 251LC	CT 251LCE	#2 - 350 kcmil	0.80 - 1.40	21 - 35	1.80	46	1
CT 252LC	CT 252LCE	350 - 1000 kcmil	1.10 - 1.80	28 - 46	2.50	64	1
CT 253LC	CT 253LCE	1000 - 1750 kcmil	1.60 - 2.45	41 - 63	2.75	70	1
35 kV							
CT 351LC	CT 351LCE	#1 - 250 kcmil	0.95 - 1.40	24 - 35	1.90	48	1
CT 352LC	CT 352LCE	250 - 1000 kcmil	1.25 - 2.10	32 - 53	2.60	66	1

ORDERING

- Select the termination kit size for the type LC, longitudinally corrugated shielded cable to be terminated.
- Confirm that the minimum and maximum cable dimensions are not exceeded. When at the high end of the conductor range it may be necessary to select the next larger kit size. Size range dimensions are based on the cable dimensions in the AEIC CS5 and CS6 cable standards.
- To include a cable preparation kit included with the termination add the suffix "P" to the end of the part number. For example, a 15 kV outdoor termination for 2/0 cable with a cable preparation kit would be CT 151LCEP.

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-Canada 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.