

INSULATE  
SEAL  
PROTECT

## HEAT SHRINK MEDIUM VOLTAGE CABLE TERMINATIONS

HEAT SHRINK CABLE TERMINATIONS FOR SINGLE CORE, 15 kV TO 35 kV, BARE AND JACKETED CONCENTRIC NEUTRAL UNDERGROUND DISTRIBUTION 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 Class 1 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 UD 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	
<b>15 kV</b>							
CT 151UD	CT 151UDE	#4 - 3/0 AWG	0.60 - 1.00	16 - 25	1.30	33	1
CT 152UD	CT 152UDE	3/0 - 350 kcmil	0.80 - 1.25	21 - 35	1.75	45	1
CT 153UD	CT 153UDE	400 - 1000 kcmil	1.10 - 1.65	28 - 42	2.10	55	1
CT 154UD	CT 154UDE	1250 - 2500 kcmil	1.60 - 2.45	41 - 63	2.75	70	1
<b>25 - 28 kV</b>							
CT 251UD	CT 251UDE	#2 - 350 kcmil	0.80 - 1.40	21 - 35	1.80	46	1
CT 252UD	CT 252UDE	350 - 1000 kcmil	1.10 - 1.80	28 - 46	2.50	64	1
CT 253UD	CT 253UDE	1000 - 1750 kcmil	1.60 - 2.45	41 - 63	2.75	70	1
<b>35 kV</b>							
CT 351UD	CT 351UDE	#1 - 250 kcmil	0.95 - 1.40	24 - 35	1.90	48	1
CT 352UD	CT 352UDE	250 - 1000 kcmil	1.25 - 2.10	32 - 53	2.60	66	1

## ORDERING

- Select the termination kit size for the bare or jacket concentric neutral 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 AEIC 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 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 a 2/0 cable with a cable preparation kit would be CT 151UDEP.

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