



CHE-I

Single-core indoor termination

for all polymeric single-core cables

Type CHE-I terminations are suitable for all single-core plastic-insulated cables (PVC, PE, XLPE, EPR) with different types of semi-conducting layers (graphite-coated or strippable) and screening (copper wire or tape).



Dimensions



L = Length
 Ø S = Diameter of cable sheds

Characteristics

- Flexible silicone stress control elements ensure reliable stress control under all operating conditions
- Combination of slip-on and heat-shrink components
- Wide cross-section range
- Quick, safe and easy assembly
- Ready for immediate operation

Application

- Indoor

Note

- Cable lugs not included
- 12 kV terminations must be used for 7.2 kV cables (Check minimum diameter over conductor insulation). Each unit contains materials for one set of three terminations.

Storage conditions/Shelf life

- Unlimited shelf life

Scope of delivery

- 1 Set for 3 phases
- Tracking-resistant heat-shrink tubing
- Silicone stress-control elements
- Silicone sheds
- Sealing tape
- Assembly instructions

Tests

- CENELEC HD 629.1 (DIN VDE 0278, part 629-1)



Type	L mm	min. Ø over conductor insulation after removal of outer semi-conducting layer mm	Number of sheds per phase	Ø S mm	Nominal cross section mm ²				Art.-No.	
					12kV	17.5kV	24kV	36kV		
U₀/U (U_m) 6/10 (12)kV - 6.35/11 (12)kV										
CHE-I 12kV	10-25	300	9.9			10 - 25				193414
	25-95	300	12.6			25 - 95				193416
	95-240	300	17.3			95 - 240				194017
	150-400	300	19.9			150 - 400				194018
	240-500	300	23.1			240 - 500				194019
	400-800	300	27.3			400 - 800				194030
	800-1000	300	36.8			800 - 1000				194031
U₀/U (U_m) 8.7/15 (17.5)kV										
CHE-I 17kV	10-16	300	9.9	1	80		10 - 16			194032
	16-50	300	12.6	1	80		16 - 50			194033
	70-240	300	17.3	1	85		70 - 240			194034
	120-300	300	19.9	1	85		120 - 300			194035
	185-400	300	23.1	1	85		185 - 400			194036
	300-630	300	27.3	1	115		300 - 630			194037
	630-1000	300	36.8	1	123		630 - 1000			194038
U₀/U (U_m) 12/20 (24)kV - 12.7/22 (24)kV										
CHE-I 24kV	10-35	300	12.6	1	85			10 - 35		194039
	25-150	300	17.3	1	85			25 - 150		194040
	70-240	300	19.9	1	85			70 - 240		194041
	120-300	300	23.1	1	85			120 - 300		194042
	240-500	300	27.3	1	115			240 - 500		194043
	630-1000	300	36.8	1	123			630 - 1000		194044
	U₀/U (U_m) 18/30 (36)kV - 19/33 (36)kV									
CHE-I 36kV	35-70	500	19.9	2	85				35 - 70	194045
	50-150	500	23.1	2	85				50 - 150	194046
	150-400	500	27.3	2	115				150 - 400	194047
	500-800	500	36.8	2	123				500 - 800	194048

Appropriate cable lugs must be ordered separately.

Type EGA earthing kit for cables with tape screen must be ordered separately.