



CHE-F 1-core outdoor cable termination

for all 1-core polymeric cables

Hybrid cable terminations CHE-F are suitable for all 1-core polymeric-insulated cables (PVC, PE, XLPE, EPR) with different types of semi-conductive layers (graphite-coated, removable or strippable) and screen design (copper wire or tape). Suitable for compression or screw cable lugs.

Characteristics

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

Application/Suitability

- Outdoor
- Voltage level**
- $U_0/U (U_m)$ 6/10 (12) kV - 19/33 (36) kV

Note

- 12 kV cable terminations must be used for 7.2 kV cables. (Check minimum diameter over conductor insulation.)

Test standards

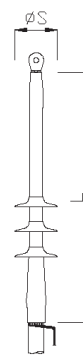
- CENELEC HD 629.1 (DIN VDE 0278, part 629-1)

Storage conditions/Shelf life

- Unlimited shelf life



Dimensions



Ø S = Diameter of cable shed

Scope of delivery

1 set for 3 phases, heat shrinkable tube (tracking resistant), silicone stress control elements, silicone sheds, sealing tape, assembly material, assembly instructions

Optional accessory: Cable lugs (see Connecting technology)
EGA earthing kit for cables with tape screen (see Connecting technology)

Type	L mm	min. Ø over core insulation after removal of the outer conductive layer mm	Number of sheds per phase	Ø S mm	12 kV	17.5 kV	24 kV	36 kV	Art.-No.
					Nominal cross section mm ²				
$U_0/U (U_m)$ 6/10 (12) kV - 6.35/11 (12) kV									
CHE-F 12kV	10-25	300	9.9	1	80	10 - 25			194049
	25-95	300	12.6	1	80	25 - 95			194050
	95-240	300	17.3	1	85	95 - 240			194051
	150-400	300	19.9	1	85	150 - 400			194052
	240-500	300	23.1	1	85	240 - 500			194053
	400-800	300	27.3	1	115	400 - 800			194054
	800-1000	300	36.8	1	123	800 - 1000			194055
$U_0/U (U_m)$ 8.7/15 (17.5) kV									
CHE-F 17kV	10-16	500	9.9	2	80		10 - 16		194056
	16-50	500	12.6	2	80		16 - 50		194057
	70-240	500	17.3	2	85		70 - 240		194058
	120-300	500	19.9	2	85		120 - 300		194059
	185-400	500	23.1	2	85		185 - 400		194061
	300-630	500	27.3	2	115		300 - 630		194062
	630-1000	500	36.8	2	123		630 - 1000		194063
$U_0/U (U_m)$ 12/20 (24) kV - 12,7/22 (24) kV									
CHE-F 24kV	10-35	500	12,6	3	85		10 - 35		193372
	25-150	500	17,3	3	85		25 - 150		193374
	70-240	500	19,9	3	85		70 - 240		194064
	120-300	500	23,1	3	85		120 - 300		194065
	240-500	500	27,3	3	115		240 - 500		194066
	630-1000	500	36,8	3	123		630 - 1000		194067
$U_0/U (U_m)$ 18/30 (36) kV - 19/33 (36) kV									
CHE-F 36kV	35-70	700	19,9	4	85			35 - 70	194068
	50-150	700	23,1	4	85			50 - 150	194069
	150-400	700	27,3	4	115			150 - 400	194070
	500-800	700	36,8	4	123			500 - 800	194071