



CHE-3F(A)

Three-core outdoor termination

for all 3-core polymeric cables

Type CHE-3F(A) terminations are suitable for all three-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



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

- Outdoor

Note

- Cable lugs not included
- 12 kV terminations must be used for 7.2 kV cables (Check minimum diameter over conductor insulation).

Storage conditions/Shelf life

- Unlimited shelf life

Scope of delivery

- Spreader cap
- Tracking-resistant heat-shrink tubing
- Silicone stress-control elements
- Silicone sheds
- Sealing tape
- Pressure spring
- Assembly accessories
- 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-3F(A) 12kV	10-25	300	9.9	1	80	10 - 25				146226
	25-95	300	12.6	1	85	25 - 95				146220
	95-240	300	17.3	1	85	95 - 240				146222
	150-400	300	19.9	1	85	150 - 400				146224
U₀/U (U_m) 8.7/15 (17.5)kV										
CHE-3F(A) 17kV	16-50	500	12.6	2	85		16 - 50			195366
	70-240	500	17.3	2	85		70 - 240			171756
	150-300	500	19.9	2	85		150 - 300			171757
	185-400	500	23.1	2	85		185 - 400			146296
U₀/U (U_m) 12/20 (24)kV - 12.7/22 (24)kV										
CHE-3F(A) 24kV	10-35	500	12.6	3	85			10 - 35		146303
	25-95	500	17.3	3	85			25 - 95		146304
	70-240	500	19.9	3	85			70 - 240		146306
	120-300	500	23.1	3	85			120 - 300		146298
U₀/U (U_m) 18/30 (36)kV - 19/33 (36)kV										
CHE-3F(A) 36kV	35-70	700	19.9	4	85				35 - 70	146234
	50-150	700	23.1	4	85				50 - 150	146235
	150-400	700	27.3	4	115				150 - 400	146242

Appropriate cable lugs must be ordered separately.

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



CHE-3F(B)

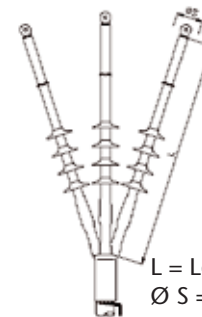
Three-core outdoor termination

for all 3-core polymeric cables

Type CHE-3F(B) terminations are suitable for all three-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



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

- Outdoor

Note

- Cable lugs not included
- 12 kV terminations must be used for 7.2 kV cables (Check minimum diameter over conductor insulation).

Storage conditions/Shelf life

- Unlimited shelf life

Scope of delivery

- Tracking-resistant heat-shrink tubing
- Silicone stress-control elements
- Silicone sheds
- Sealing tape
- Pressure spring
- Assembly accessories
- Tracking resistant spreader cap
- 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-3F(B) 12kV	10-25	700	9.9	1	80	10 - 25				184805
	25-95	700	12.6	1	85	25 - 95				184806
	95-240	700	17.3	1	85	95 - 240				184807
	150-400	700	19.9	1	85	150 - 400				184808
U₀/U (U_m) 8.7/15 (17.5)kV										
CHE-3F(B) 17kV	25-50	700	12.6	2	85		25 - 50			182735
	70-240	700	17.3	2	85		70 - 240			182736
	150-300	700	20.9	2	85		150 - 300			182737
	185-400	700	23.1	2	85		185 - 400			182738
U₀/U (U_m) 12/20 (24)kV - 12.7/22 (24)kV										
CHE-3F(B) 24kV	10-35	850	12.6	3	85			10 - 35		184472
	25-95	850	17.3	3	85			25 - 95		184809
	70-240	850	20.9	3	85			70 - 240		184811
	120-400	850	23.1	3	85			120 - 400		184812
U₀/U (U_m) 18/30 (36)kV - 19/33 (36)kV										
CHE-3F(B) 36kV	35-70	850	22.5	4	85				35 - 70	184813
	50-150	850	23.1	4	85				50 - 150	184815
	150-400	850	27.3	4	115				150 - 400	184816

Appropriate cable lugs must be ordered separately.

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