CHESK-F
1-core outdoor cable termination
with screw cable lugs, for all 1-core polymeric cables

Hybrid cable terminations CHESK-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). With screw cable lugs for main conductor and copper wire screen.



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

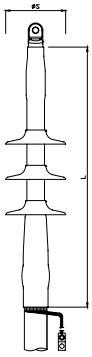
Voltage level
- U_0/U (U_m) 6/10 (12) kV - 19/33 (36) kV

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, screw cable lugs, assembly material, assembly instructions

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

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→ Continuation

						12 kV	17.5 kV	24 kV	36 kV	42 kV	
Type		**L mm**	**min. Ø over core insulation after removal of the outer conductive layer mm**	**Number of sheds per phase**	**Ø S mm**	**Nominal cross section mm²**					**Art.-No.**
U_0/U (U_m) 6/10 (12) kV - 6.35/11 (12) kV											
CHESK-F 12kV	25-95	300	12.6	1	80	25 - 95					309534
	70-150	300	17.3	1	85	70 - 150					309535
	95-240	300	17.3	1	85	95 - 240					309536
	240-400	300	19.9	1	85	240 - 400					309537
	400-630	310	27.3	1	115	400 - 630					369503
	630-1000	310	36.8	1	123	630 - 1000					369504
U_0/U (U_m) 8.7/15 (17.5) kV											
CHESK-F 17kV	35-95	500	17.3	2	85		35 - 95				309539
	50-150	500	17.3	2	85		50 - 150				309540
	95-240	500	19.9	2	85		95 - 240				309541
	240-400	500	23.1	2	85		240 - 400				309542
	400-630	500	27.3	2	115		400 - 630				369508
	630-1000	500	36.8	2	123		630 - 1000				369509
U_0/U (U_m) 12/20 (24) kV - 12.7/22 (24) kV											
CHESK-F 24kV	25-95	500	17.3	3	85			25 - 95			309545
	50-150	500	17.3	3	85			50 - 150			309546
	95-240	500	19.9	3	85			95 - 240			309548
	240-400	500	27.3	3	115			240 - 400			309550
	400-630	500	27.3	3	115			400 - 630			364847
	630-1000	500	36.8	3	123			630 - 1000			369507
U_0/U (U_m) 18/30 (36) kV - 19/33 (36) kV											
CHESK-F 36kV	16-95	700	19.9	4	85				16 - 95		309551
	50-150	700	23.1	4	85				50 - 150		309552
	95-240	700	23.1	4	85				95 - 240		309553
	240-400	700	27.3	4	115				240 - 400		309554
	400-630	700	36.8	4	115				400 - 630		369520
	630-1000	700	36.8	4	123				630 - 1000		369521
U_0/U (U_m) 20,8/36(42) kV											
CHESK-F 42kV	50-150	820	25.3	6	85					50-150	309555
	95-240	820	27.5	6	115					95-240	362230
	240-400	820	32.5	6	115					240-400	309556
	400-630	820	40.3	6	115					400-630	369522
	630-1000	820	40.3	6	123					630-1000	369523