CHESK-I
1-core indoor cable termination
with screw cable lugs, for all 1-core polymeric cables

Hybrid cable terminations CHESK-I 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
- Indoor

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.)

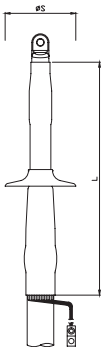
Test standards
- CENELEC HD 629.1 (DIN VDE 0278, part 629-1)

Storage conditions/Shelf life
- Unlimited shelf life

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)

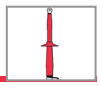
Dimensions



Ø S = Diameter of cable shed

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→ Continuation

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	42 kV	Art.-No.
						Nominal cross section mm²					
U_0/U (U_m) 6/10 (12) kV - 6.35/11 (12) kV											
CHESK-I 12kV	25-95	300	12.6			25 - 95					290443
	70-150	300	17.3			70 - 150					309514
	95-240	300	17.3			95 - 240					290444
	240-400	300	19.9			240 - 400					309516
	400-630	310	27.3			400 - 630					369496
	630-1000	310	36.8			630 - 1000					369497
U_0/U (U_m) 8.7/15 (17.5) kV											
CHESK-I 17kV	35-95	300	17.3	1	85		35 - 95				309517
	50-150	300	17.3	1	85		50 - 150				309519
	95-240	300	19.9	1	85		95 - 240				309520
	240-400	300	23.1	1	85		240 - 400				309521
	400-630	310	27.3	1	115		400 - 630				369505
	630-1000	310	36.8	1	123		630 - 1000				369506
U_0/U (U_m) 12/20 (24) kV - 12.7/22 (24) kV											
CHESK-I 24kV	25-95	300	17.3	1	85			25 - 95			309522
	50-150	300	17.3	1	85			50 - 150			309523
	95-240	300	19.9	1	85			95 - 240			309525
	240-400	300	27.3	1	115			240 - 400			309526
	400-630	310	27.3	1	115			400 - 630			364848
	630-1000	310	36.8	1	123			630 - 1000			369498
U_0/U (U_m) 18/30 (36) kV - 19/33 (36) kV											
CHESK-I 36kV	16-95	500	19.9	2	85				16 - 95		309527
	50-150	500	23.1	2	85				50 - 150		309528
	95-240	500	23.1	2	85				95 - 240		309529
	240-400	500	27.3	2	115				240 - 400		309530
	400-630	500	36.8	2	115				400 - 630		369499
	630-1000	500	36.8	2	123				630 - 1000		369500
U_0/U (U_m) 20,8/36(42) kV											
CHESK-I 42kV	50-150	700	25.3	4	85					50-150	309531
	95-240	700	27.5	4	115					95-240	289708
	240-400	700	32.5	4	115					240-400	309533
	400-630	700	40.3	4	115					400-630	369501
	630-1000	700	40.3	4	123					630-1000	369502

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