CHE-3I(B)
3-core indoor cable termination

for all 3-core polymeric cables

Hybrid cable terminations CHE-3I(B) are suitable for all 3-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
- Indoor

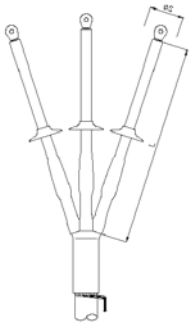
Voltage level
- U_0/U (U_m) 6/10 (12) kV - 19/33 (36) kV

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

Dimensions



Ø S = Diameter of cable shed

Scope of delivery
Spreader cap (tracking resistant), heat shrinkable tube (tracking resistant), silicone stress control elements, silicone sheds, pressure spring, sealing tape, assembly material, assembly instructions

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

Note: Other cable terminations available on request.

						12 kV	17.5 kV	24 kV	36 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										
CHE-3I(B) 12kV	10-25	350	9.9			10 - 25				184796
	25-95	350	12.6			25 - 95				173134
	95-240	350	17.3			95 - 240				173132
	150-400	350	19.9			150 - 400				180522
U_0/U (U_m) 8.7/15 (17.5) kV										
CHE-3I(B) 17kV	25-50	400	12.6				25 - 50			182731
	70-240	400	17.3				70 - 240			182732
	150-300	400	19.9				150 - 300			182733
	185-400	400	23.1				185 - 400			182734
U_0/U (U_m) 12/20 (24) kV - 12.7/22 (24) kV										
CHE-3I(B) 24kV	10-35	500	12.6	1	85			10 - 35		184797
	25-95	500	17.3	1	85			25 - 95		184798
	70-240	500	19.9	1	85			70 - 240		184799
	120-400	500	23.1	1	85			120 - 400		184800
U_0/U (U_m) 18/30 (36) kV - 19/33 (36) kV										
CHE-3I(B) 36kV	35-70	650	19.9	2	85				35 - 70	184801
	50-150	650	23.1	2	85				50 - 150	184802
	150-400	650	27.3	2	115				150 - 400	184803