





MEDIUM VOLTAGE

Cable sets

for screened polymeric cables

	Straight-through joints for 1-core cables.	136
	Cable terminations for 1-core cables.	145
	Separable connectors for 1-core cables.	153
	Straight-through joints for 3-core cables.	167



CAESK-I

1-core indoor cable termination

with screw cable lugs, for all 1-core polymeric cables

Contrax cable terminations CAESK-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 (wire or tape). With screw cable lugs.

Characteristics

- Wide cross-section range
- Silicone slip-on components for quick, safe and easy assembly
- Ready for immediate operation

Application/Suitability

- Indoor

Voltage level

- U_0/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

3 one-piece slip-on silicone cable terminations with integrated stress control element, silicone tubes, sealing tape, screw cable lugs for main conductor, assembly material, assembly instructions

Optional accessory: 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	24 kV	36 kV	Art.-No.
					Nominal cross section mm ²			
U_0/U_m 6/10 (12) kV - 6.35/11 (12) kV								
CAESK-I 12kV	95-150	310	17.3	1	87	95 - 150		289945
	150-240	330	19.9	1	90	150 - 240		289947
	300-400	340	26.6	1	93	300 - 400		289948
	500-630	360	32.3	1	97	500 - 630		289949
U_0/U_m 12/20 (24) kV - 12.7/22 (24) kV								
CAESK-I 24kV	35-95	310	17.3	1	87		35 - 95	289955
	70-150	310	19.9	1	90		70 - 150	289956
	120-240	330	23.1	1	90		120 - 240	289957
	240-400	340	27.3	1	97		240 - 400	289958
	400-500	360	32.3	1	97		400 - 500	289959
U_0/U_m 18/30 (36) kV - 19/33 (36) kV								
CAESK-I 36kV	16-95	360	20.9	4	93		16 - 95	289960
	70-150	360	24.2	4	93		70 - 150	289961
	120-240	380	28.6	4	97		120 - 240	289962
	240-300	390	32.3	4	97		240 - 300	289963

**CAE-I****1-core indoor cable termination**

for all 1-core polymeric cables

Contrax cable terminations CAE-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 (wire or tape). Suitable for compression cable lugs.

Characteristics

- Wide cross-section range
- Silicone slip-on components for quick, safe and easy assembly
- Ready for immediate operation

Application/Suitability

- Indoor

Voltage level

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

Note

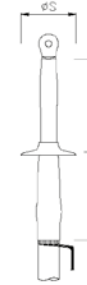
- 12 kV cable terminations must be used for 7.2 kV cables. (Check minimum diameter over conductor insulation.)

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

3 one-piece slip-on silicone cable terminations with integrated stress control element, sealing tape, assembly material, assembly instructions

Optional accessory: Compression 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	24 kV	36 kV	Art.-No.
					Nominal cross section mm ²			
U_0/U_m 6/10 (12) kV - 6.35/11 (12) kV								
CAE-I 12kV	95-240	270	17.3	1	87	95 - 240		199151
	150-400	270	19.9	1	90	150 - 400		199152
	240-500	270	23.1	1	93	240 - 500		199154
	300-800	270	27.3	1	97	300 - 800		199155
U_0/U_m 12/20 (24) kV - 12.7/22 (24) kV								
CAE-I 24kV	35-120	270	17.3	1	87		35 - 120	199162
	70-240	270	19.9	1	90		70 - 240	199163
	120-400	270	23.1	1	93		120 - 400	199164
	240-630	270	27.3	1	97		240 - 630	199165
U_0/U_m 18/30 (36) kV - 19/33 (36) kV								
CAE-I 36kV	16-95	325	19.9	4	90		16 - 95	199166
	50-240	325	23.1	4	93		50 - 240	199167
	120-400	325	27.3	4	97		120 - 400	199168



CAESK-F

1-core outdoor cable termination

with screw cable lugs, for all 1-core polymeric cables

Contrax cable terminations CAESK-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 (wire or tape). With screw cable lugs.

Characteristics

- Wide cross-section range
- Silicone slip-on components for quick, safe and easy assembly
- Ready for immediate operation

Application/Suitability

- Outdoor

Voltage level

- U_0/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

3 one-piece slip-on silicone cable terminations with integrated stress control element, silicone tubes, sealing tape, screw cable lugs for main conductor, assembly material, assembly instructions

Optional accessory: 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	24 kV	36 kV	Art.-No.
					Nominal cross section mm ²			
U_0/U_m 6/10 (12) kV - 6.35/11 (12) kV								
CAESK-F 12kV	95-150	360	17.3	4	87	95 - 150		289894
	150-240	390	19.9	4	90	150 - 240		289897
	300-400	390	26.6	4	93	300 - 400		289898
	500-630	410	32.3	4	97	500 - 630		289899
U_0/U_m 12/20 (24) kV - 12.7/22 (24) kV								
CAESK-F 24kV	35-95	360	17.3	4	87		35 - 95	289905
	70-150	360	19.9	4	90		70 - 150	289906
	120-240	390	23.1	4	93		120 - 240	289907
	240-400	410	27.3	4	97		240 - 400	289908
	400-500	410	32.3	4	97		400 - 500	289909
U_0/U_m 18/30 (36) kV - 19/33 (36) kV								
CAESK-F 36kV	70-150	470	24.2	5	93		70 - 150	289910
	120-240	500	28.6	5	97		120 - 240	289911
	240-300	500	32.3	5	97		240 - 300	289912



CAE-F 1-core outdoor cable termination

for all 1-core polymeric cables

Contrax cable terminations CAE-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 (wire or tape). Suitable for compression cable lugs.

Characteristics

- Wide cross-section range
- Silicone slip-on components for 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.)

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Storage conditions/Shelf life

- Unlimited shelf life



Dimensions



Ø S = Diameter of cable shed

Scope of delivery

3 one-piece slip-on silicone cable terminations with integrated stress control element, sealing tape, assembly material, assembly instructions

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

MEDIUM VOLTAGE
Cable sets for screened polymeric cables

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	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								
CAE-F 12kV	95-240	325	17.3	4	87	95 - 240		199184
	150-400	325	19.9	4	90	150 - 400		199185
	240-500	325	23.1	4	93	240 - 500		199186
	300-800	325	27.3	4	97	300 - 800		199187
$U_0/U (U_m)$ 12/20 (24) kV - 12.7/22 (24) kV								
CAE-F 24kV	35-120	325	17.3	4	87		35 - 120	199194
	70-240	325	19.9	4	90		70 - 240	199195
	120-400	325	23.1	4	93		120 - 400	199196
	240-630	325	27.3	4	97		240 - 630	199197
$U_0/U (U_m)$ 18/30 (36) kV - 19/33 (36) kV								
CAE-F 36kV	50-240	440	23.1	5	93		50 - 240	199198
	120-400	440	27.3	5	97		120 - 400	199199