

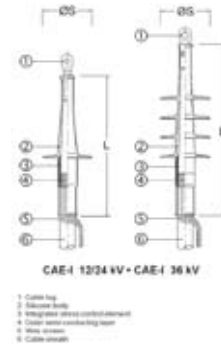
CAE-I

Single-core indoors terminations

for all single-core polymeric cables up to 36 kV



Terminations type CAE-I are designed to cover single-core polymeric cables (PVC, PE, XLPE and EPR).



Conrax technique

Characteristics

- Quick, easy and safe installation due to a factory-moulded silicone body
- Reliable stress control for all operating conditions due to stress control elements made of permanently flexible silicone material
- Wide cross-section range suitable for all types of cable lugs
- Applicable for all types of cables
- Immediate operation after installation

Application

- Indoors
- Suitable for cables with different cross sections, conductor materials, semi-conducting layers (graphitized, triple extruded or peel-able) and with copper wire or tape screen

Scope of delivery

- One piece of factory-moulded silicone body with integrated stress control elements

Note

- One set of three phases without cable lugs for cables with copper wire screen

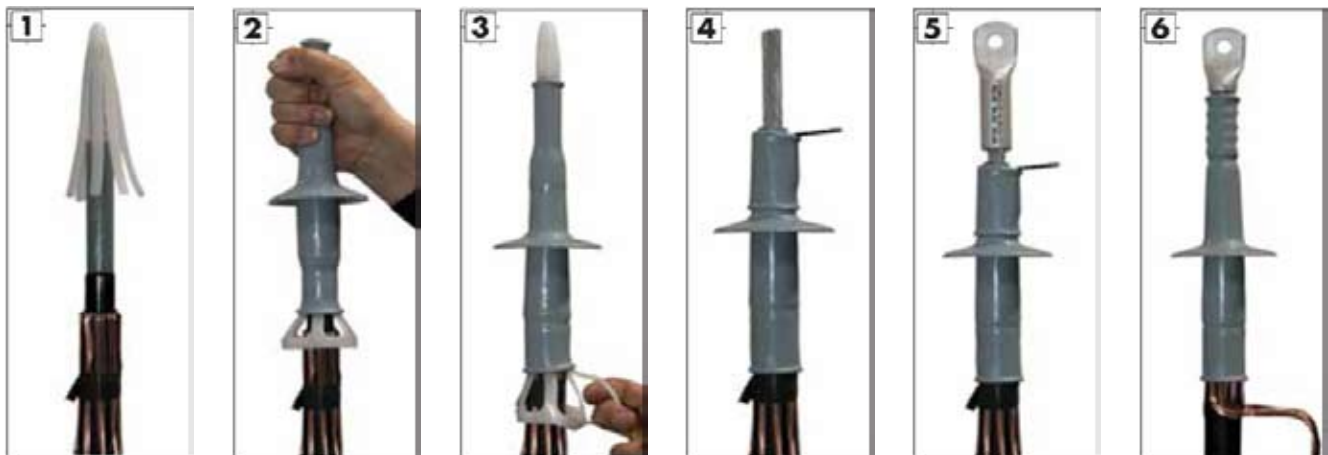
Storage conditions/Shelf life

- Unlimited shelf life

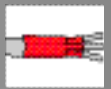
Accessories

The following accessories are not included. They can be order additionally and will be included in the kit box:

- Earthing kit type EGA for tape screened cables



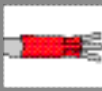
Accessories for tape-screened cables can be order separately.



Type	Q mm ²	Ø1 mm	L mm	S mm	ØS mm	Art.-No.	
U₀/U (U_m) 6/10 (12) kV - 6.35/11 (12) kV							
CAE-I 12kV	25 - 95	25 - 95	12.6	270	1	83	0-6430
	95 - 240	95 - 240	17.3	270	1	87	0-6431
	150 - 400	150 - 400	19.9	270	1	90	0-6432
	240 - 500	240 - 500	23.1	270	1	93	0-6433
	300 - 800	300 - 800	27.3	270	1	97	0-6434
U₀/U (U_m) 8.7/15 (17.5) kV							
CAE-I 17kV	16 - 50	16 - 50	12.6	270	1	83	0-6435
	50 - 185	50 - 185	17.3	270	1	87	0-6436
	95 - 240	95 - 240	19.9	270	1	90	0-6437
	150 - 400	150 - 400	23.1	270	1	93	0-6438
	240 - 630	300 - 630	27.3	270	1	97	0-6439
U₀/U (U_m) 12/20 (24) kV - 12.7/22 (24) kV							
CAE-I 24kV	10 - 35	10 - 35	12.6	270	1	83	0-6440
	35 - 120	35 - 120	17.3	270	1	87	0-6441
	70 - 240	70 - 240	19.9	270	1	90	0-6442
	120 - 400	120 - 400	23.1	270	1	93	0-6443
	240 - 630	240 - 630	27.3	270	1	97	0-6444
U₀/U (U_m) 18/30 (36) kV - 19/33 (36) kV							
CAE-I 36kV	16 - 95	16 - 95	19.9	325	4	90	0-6445
	50 - 240	50 - 240	23.1	325	4	93	0-6446
	120 - 400	120 - 400	27.3	325	4	97	0-6447

- Q = Nominal cross section - definite assignment confer diameter over conductor insulation
- Ø1 = Minimum diameter over conductor insulation after removal of the outer semi-conducting layer
- L = Total length
- S = Number of sheds per phase
- ØS = Diameter of sheds

For cables of U_m = 7.2 kV please use the terminations of U_m = 12 kV.
 Check the minimum diameter over conductor insulation - Ø1.



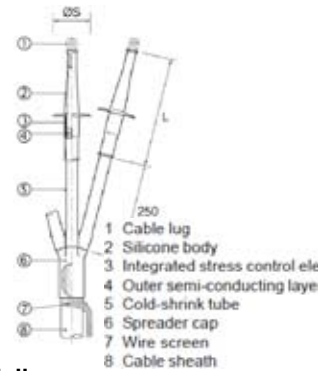
CAE-3I

Three-core indoors terminations

for all three-core polymeric cables up to 36 kV



Terminations type CAE-3I are designed to cover three-core polymeric cables (PVC, PE, XLPE and EPR).



Characteristics

- Quick, easy and safe installation due to factory-moulded silicone body and cold-shrink components
- Reliable stress control for all operating conditions due to stress control elements made of permanently flexible silicone material
- Wide cross-section range suitable for all types of cable lugs
- Applicable for all types of cables
- Immediate operation after installation

Application

- Indoors
- Suitable for cables with different cross sections, conductor materials, semi-conducting layers (graphitized, triple extruded or peel-able) and with copper wire or tape screen

Scope of delivery

- Cold-shrink silicone spreader cap
- Cold-shrink silicone tube
- Three one-piece factory-moulded silicone bodies with integrated stress control element.

Note

- One piece is for three phases without cable lugs for cables with wire screen without armouring

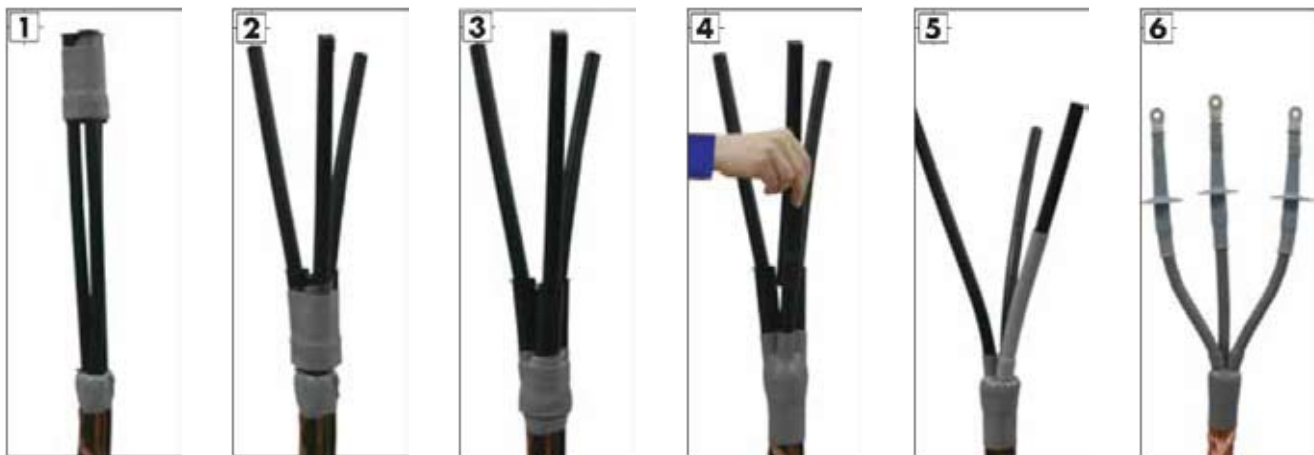
Storage conditions/Shelf life

- Unlimited shelf life

Accessories

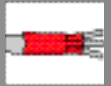
The following accessories are not included. They can be order additionally and will be included in the kit box:

- Earthing kit type EGA for tape screened cables and armouring



Accessories for cables with tape screen respectively armouring as well as cable lugs can be order separately.

Conrax technique

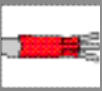


Type	Q mm ²	Ø1 mm	L mm	S	ØS mm	Art.-No.	
U₀/U (U_m) 6/10 (12) kV - 6.35/11 (12) kV							
CAE-3I 12kV	25 - 95	25 - 95	12.6	270	1	83	0-6530
	95 - 240	95 - 240	17.3	270	1	87	0-6531
	150 - 400	150 - 400	19.9	270	1	90	0-6532
U₀/U (U_m) 8.7/15 (17.5) kV							
CAE-3I 17kV	16 - 50	16 - 50	12.6	270	1	83	0-6533
	50 - 185	50 - 185	17.3	270	1	87	0-6534
	95 - 240	95 - 240	19.9	270	1	90	0-6535
	150 - 400	150 - 400	23.1	270	1	93	0-6536
U₀/U (U_m) 12/20 (24) kV - 12.7/22 (24) kV							
CAE-3I 24kV	10 - 35	10 - 35	12.6	270	1	83	0-6537
	35 - 120	35 - 120	17.3	270	1	87	0-6538
	70 - 240	70 - 240	19.9	270	1	90	0-6539
	120 - 400	120 - 400	23.1	270	1	93	0-6540
U₀/U (U_m) 18/30 (36) kV - 19/33 (36) kV							
CAE-3I 36kV	16 - 95	16 - 95	19.9	325	4	90	0-6541
	50 - 240	50 - 240	23.1	325	4	93	0-6542
	120 - 400	120 - 400	27.3	325	4	97	0-6543

- Q = Nominal cross section - definite assignment confer diameter over conductor insulation
- Ø1 = Minimum diameter over conductor insulation after removal of the outer semi-conducting layer
- L = Total length
- S = Number of sheds per phase
- ØS = Diameter of sheds

For cables of U_m = 7.2 kV please use terminations of U_m = 12 kV.
 Check the minimum diameter over conductor insulation - Ø1.

Conrax technique



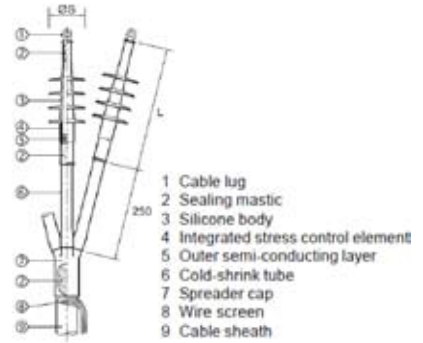
CAE-3F

Three-core outdoor terminations

for all three-core polymeric cables up to 36 kV



Terminations type CAE-3F are designed to cover three-core polymeric cables (PVC, PE, XLPE and EPR).



Characteristics

- Quick, easy and safe installation due to factory-moulded silicone body and cold-shrink components
- Reliable stress control for all operating conditions due to stress control elements made of permanently flexible silicone material
- Wide cross-section range suitable for all types of cable lugs
- Applicable for all types of cables
- Immediate operation after installation

Application

- Outdoors
- Suitable for cables with different cross sections, conductor materials, semi-conducting layers (graphitized, triple extruded or peel-able) and with copper wire or tape screen

Scope of delivery

- Cold-shrink silicone spreader cap
- Cold-shrink silicone tube
- Three one-piece factory-moulded silicone bodies with integrated stress control element.

Note

- One piece is for three phases without cable lugs for cables with wire screen without armouring

Storage conditions/Shelf life

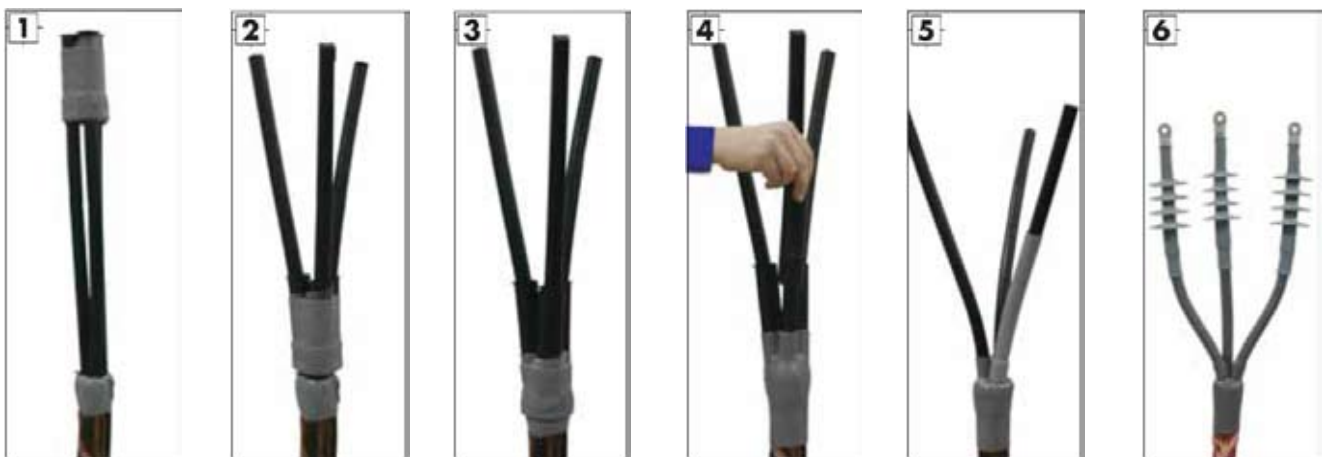
- Unlimited shelf life

Accessories

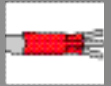
The following accessories are not included. They can be order additionally and will be included in the kit box:

- Earthing kit type EGA for tape screened cables and armouring

Conrax technique



Accessories for tape screened cables or armouring and cable lugs can be order separately.

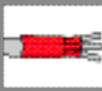


Type	Q mm ²	Ø1 mm	L mm	S	ØS mm	Art.-No.	
U₀/U (U_m) 6/10 (12) kV - 6.35/11 (12) kV							
CAE-3F 12kV	25 - 95	25 - 95	12.6	325	4	83	0-6330
	95 - 240	95 - 240	17.3	325	4	87	0-6331
	150 - 400	150 - 400	19.9	325	4	90	0-6332
U₀/U (U_m) 8.7/15 (17.5) kV							
CAE-3F 17kV	16 - 50	16 - 50	12.6	325	4	83	0-6333
	50 - 185	50 - 185	17.3	325	4	87	0-6334
	95 - 240	95 - 240	19.9	325	4	90	0-6335
	150 - 400	150 - 400	23.1	325	4	93	0-6336
U₀/U (U_m) 12/20 (24) kV - 12.7/22 (24) kV							
CAE-3F 24kV	10 - 35	10 - 35	12.6	325	4	83	0-6337
	35 - 120	35 - 120	17.3	325	4	87	0-6338
	70 - 240	70 - 240	19.9	325	4	90	0-6339
	120 - 400	120 - 400	23.1	325	4	93	0-6340
U₀/U (U_m) 18/30 (36) kV - 19/33 (36) kV							
CAE-3F 36kV	50 - 240	50 - 240	23.1	440	5	93	0-6341
	120 - 400	120 - 400	27.3	440	5	97	0-6342

- Q = Nominal cross section - definite assignment confer diameter over conductor insulation
- Ø1 = Minimum diameter over conductor insulation after removal of the outer semi-conducting layer
- L = Total length
- S = Number of sheds per phase
- ØS = Diameter of sheds

For cables of U_m = 7.2 kV please use terminations of U_m = 12 kV.
Check the minimum diameter over conductor insulation - Ø1.

Contrax technique



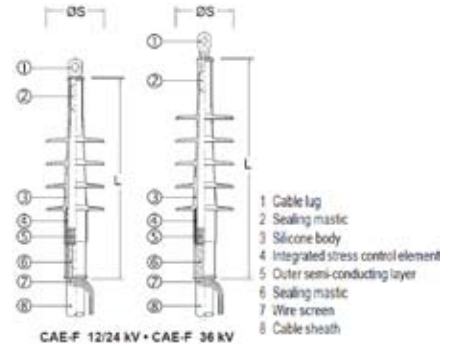
CAE-F

Single-core outdoors terminations

for all single-core polymeric cables up to 36 kV



Terminations type CAE-F are designed to cover single-core polymeric cables (PVC, PE, XLPE and EPR).



Characteristics

- Quick, easy and safe installation due to a factory-moulded silicone body
- Reliable stress control for all operating conditions due to stress control elements made of permanently flexible silicone material
- Wide cross-section range suitable for all types of cable lugs
- Applicable for all types of cables
- Immediate operation after installation

Application

- Outdoors
- Suitable for cables with different cross sections, conductor materials, semi-conducting layers (graphitized, triple extruded or peel-able) and with copper wire or tape screen

Scope of delivery

- One piece of factory-moulded silicone body with integrated stress control elements

Note

- One set for three phases without cable lugs for cables with wire screen

Storage conditions/Shelf life

- Unlimited shelf life

Accessories

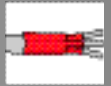
The following accessories are not included. They can be order additionally and will be included in the kit box:

- Earthing kit type EGA for tape screened cables



Accessories for tape screened cables and cable lugs can be order separately.

Conrax technique



Type	Q mm ²	Ø1 mm	L mm	S	ØS mm	Art.-No.	
U₀/U (U_m) 6/10 (12) kV - 6.35/11 (12) kV							
CAE-F 12kV	25 - 95	25 - 95	12.6	325	4	83	0-6230
	95 - 240	95 - 240	17.3	325	4	87	0-6231
	150 - 400	150 - 400	19.9	325	4	90	0-6232
	240 - 500	240 - 500	23.1	325	4	93	0-6233
	300 - 800	300 - 800	27.3	325	4	97	0-6234
U₀/U (U_m) 8.7/15 (17.5) kV							
CAE-F 17kV	16 - 50	16 - 50	12.6	325	4	83	0-6235
	50 - 185	50 - 185	17.3	325	4	87	0-6236
	95 - 240	95 - 240	17.3	325	4	90	0-6237
	150 - 400	150 - 400	23.1	325	4	93	0-6238
	240 - 630	240 - 630	27.3	325	4	97	0-6239
U₀/U (U_m) 12/20 (24) kV - 12.7/22 (24) kV							
CAE-F 24kV	10 - 35	10 - 35	12.6	325	4	83	0-6240
	35 - 120	35 - 120	17.3	325	4	87	0-6241
	70 - 240	70 - 240	19.9	325	4	90	0-6242
	120 - 400	120 - 400	23.1	325	4	93	0-6243
	240 - 630	240 - 630	27.3	325	4	97	0-6244
U₀/U (U_m) 18/30 (36) kV - 19/33 (36) kV							
CAE-F 36kV	50 - 240	50 - 240	23.1	440	5	93	0-6245
	120 - 400	120 - 400	27.3	440	5	97	0-6246

- Q = Nominal cross section - definite assignment confer diameter over conductor insulation
- Ø1 = Minimum diameter over conductor insulation after removal of the outer semi-conducting layer
- L = Total length
- S = Number of sheds per phase
- ØS = Diameter of sheds

For cables of U_m = 7.2 kV please use terminations of U_m = 12 kV.
 Check the minimum diameter over conductor insulation - Ø1.