

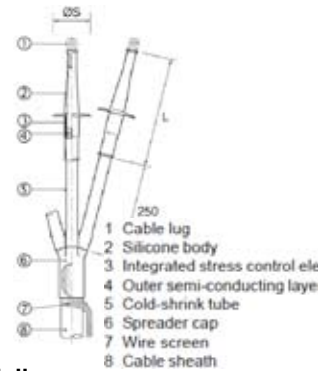
CAE-3I

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

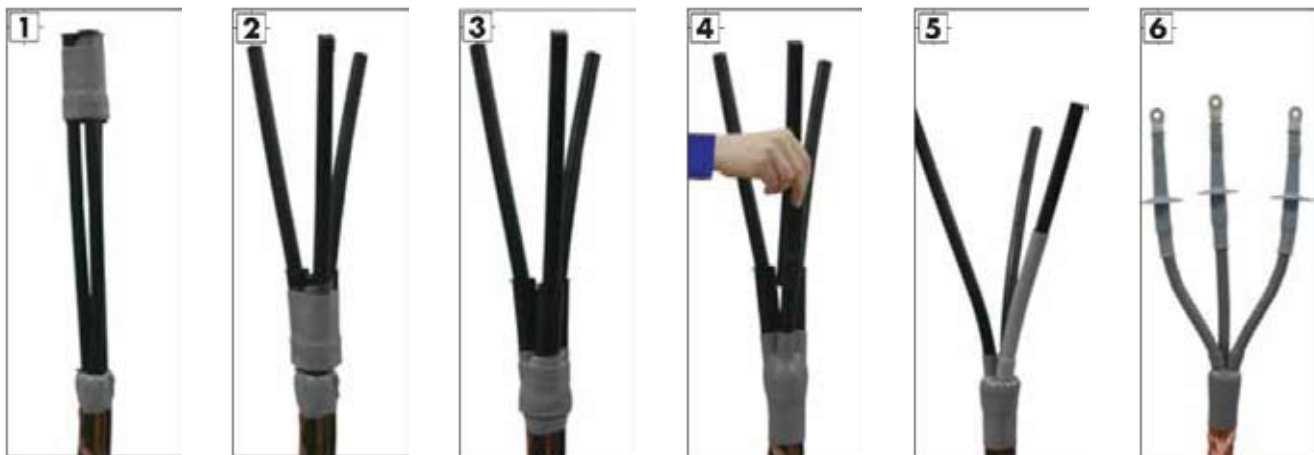
Storage conditions/Shelf life

- Unlimited shelf life

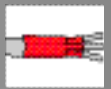
Accessories

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.



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