

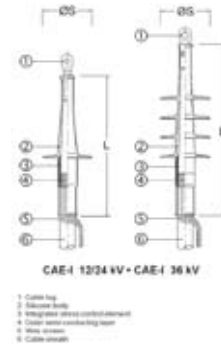
CAE-I

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

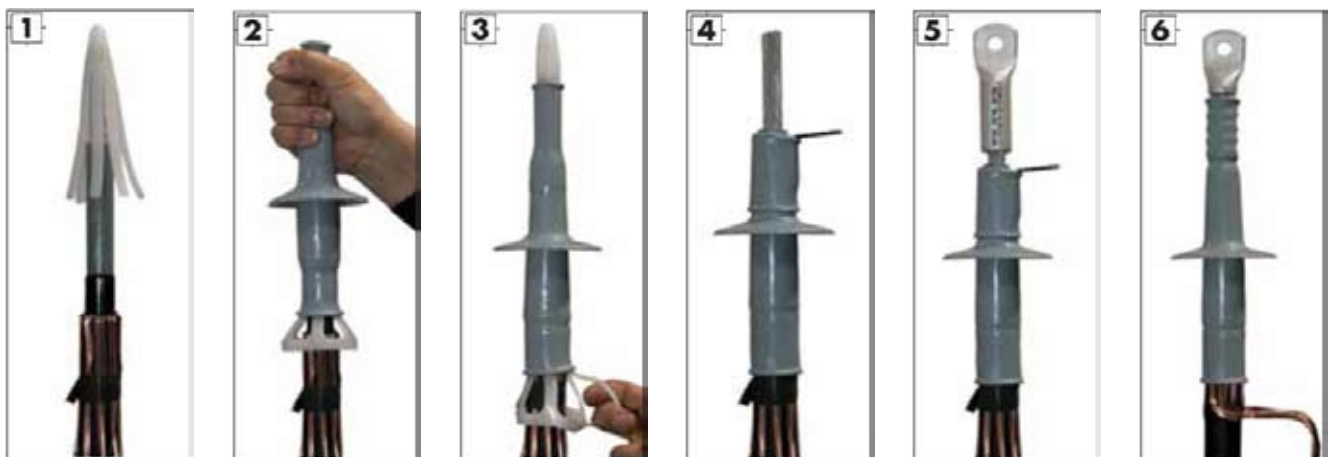
Storage conditions/Shelf life

- Unlimited shelf life

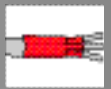
Accessories

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.