

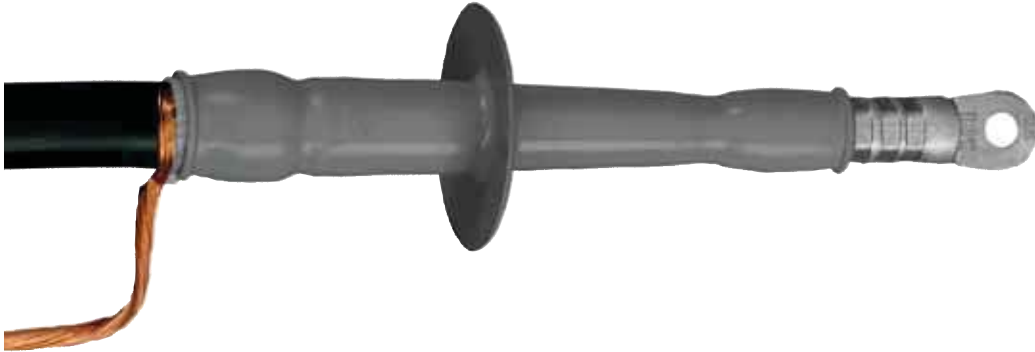


# CAE-I

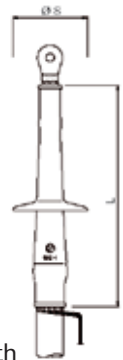
## Single-core indoor termination

for all polymeric single-core cables

Type CAE-I terminations are suitable for all single-core plastic-insulated cables (PVC, PE, XLPE, EPR) with different types of semi-conducting layers (graphite-coated or strippable) and screening (wire or tape screen). Suitable for compression cable lugs.



Dimensions



L = Length  
Ø S = Diameter of cable sheds

### Characteristics

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

### Application

- Indoor

### Note

- Compression cable lugs not included
- 12 kV terminations must be used for 7.2 kV cables (Check minimum diameter over conductor insulation).

### Storage conditions/Shelf life

- Unlimited shelf life

### Scope of delivery

- 3 one-piece slip-on silicone terminations with integrated stress control element
- Sealing tape
- Assembly instructions

### Tests

- CENELEC HD 629.1 (DIN VDE 0278, part 629-1)

Type	L mm	min. Ø over conductor insulation after removal of outer semi-conducting layer mm	Number of sheds per phase	Ø S mm	Nominal cross section mm <sup>2</sup>				Art.-No.	
					12kV	17.5kV	24kV	36kV		
<b>U<sub>0</sub>/U (U<sub>m</sub>) 6/10 (12)kV - 6.35/11 (12)kV</b>										
CAE-I 12kV	95-240	270	17.3	1	87	95 - 240				<b>199151</b>
	150-400	270	19.9	1	90	150 - 400				<b>199152</b>
	240-500	270	23.1	1	93	240 - 500				<b>199154</b>
	300-800	270	27.3	1	97	300 - 800				<b>199155</b>
<b>U<sub>0</sub>/U (U<sub>m</sub>) 8.7/15 (17.5)kV</b>										
CAE-I 17kV	50-185	270	17.3	1	87		50 - 185			<b>199157</b>
	95-240	270	19.9	1	90		95 - 240			<b>199158</b>
	150-400	270	23.1	1	93		150 - 400			<b>199159</b>
	240-630	270	27.3	1	97		240 - 630			<b>199160</b>
<b>U<sub>0</sub>/U (U<sub>m</sub>) 12/20 (24)kV - 12.7/22 (24)kV</b>										
CAE-I 24kV	35-120	270	17.3	1	87			35 - 120		<b>199162</b>
	70-240	270	19.9	1	90			70 - 240		<b>199163</b>
	120-400	270	23.1	1	93			120 - 400		<b>199164</b>
	240-630	270	27.3	1	97			240 - 630		<b>199165</b>
<b>U<sub>0</sub>/U (U<sub>m</sub>) 18/30 (36)kV - 19/33 (36)kV</b>										
CAE-I 36kV	16-95	325	19.9	4	90				16 - 95	<b>199166</b>
	50-240	325	23.1	4	93				50 - 240	<b>199167</b>
	120-400	325	27.3	4	97				120 - 400	<b>199168</b>

Appropriate cable lugs must be ordered separately.  
Accessories for cables with tape screen must be ordered separately.