

APPLICATION

The AIP/AIS 20 termination is suitable for indoor installation on polymeric insulated medium voltage cables with extruded easy strip conductive screen or bonded extruded conductive screen. With this high quality silicone termination, a wide range of cross-sections is covered per voltage level.

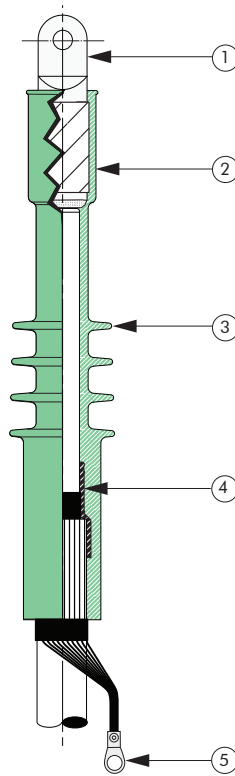
Another benefit given by using the AIP/AIS termination is the quick and easy assembly. The termination is available with additional splitting accessories for three-core, copper wire screened or copper tape screened and armored cables.



DESIGN

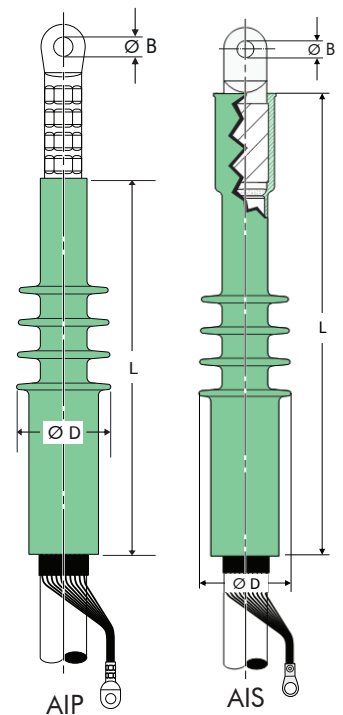
Indoor termination comprising:

1. Longitudinally sealed mechanical cable lug
2. Integrated silicone tube on AIS as sealing element when using mechanical cable lugs
3. High flexibility silicone rubber housing, ensuring a perfect fit to the cable even during load changes
4. Integrated conductive rubber insert
5. Earthing cable lug not included in standard kit



6/10 (12) kV
6.35/11 (12) kV
8.7/15 (17.5) kV
12/20 (24) kV
12.7/22 (24) kV

Up to 24 kV



SPECIFICATIONS AND STANDARDS

Meets the requirements of CENELEC HD 629.1

CLASSIFICATION AND DIMENSIONS

Termination type	Voltage U_m (kV)	Typical conductor sizes (mm ²)		Dia. over core insulation (mm)		L (mm)	Dia. D (mm)	Ordering part number
		min.	max.	min.	max.			
AIP	12	70	150	17.0	27.0	230	49	3 x AIP 20-1
	24	25	120					
AIS	12	150	300*	20.9	35.0	270	53	3 x AIS 20-2
	24	95	300*					
	12	400	630	29.7	46.0	335	65	3 x AIS 20-3
	24							

* for cross sections 300 mm² additional sealing elements are required

11/2023