

POLYAMIDE PA6.6 INSULATED ANE-U and ANE-P SERIES TERMINALS for copper conductors



Description:

- ANE-U and ANE -P terminals are suitable for safe and reliable connections onto equipments respectively equipped with clamping units provided with captive screws and with pressure plates.
- Are manufactured from electrolytic copper strip Cu-OF CW008A conform to UNI EN 13600:2003..
- Terminals are brazed with a silver-copper alloy and electrolytically tin plated with a minimum thickness of 3µm to avoid oxidation.
- Cembre terminals are annealed to guarantee optimum ductility which is an absolute necessity for connectors which will have to withstand the severe deformation arising when compressed and any bending of the palm during installation.
- The interior of the PA6.6 insulation sleeve is funnel shaped so as to ensure complete and easy introduction of the conductor strands. The PA6.6 insulated sleeve eliminates the need to insulate the terminal by either taping or using heat shrinkable tubes. Furthermore the PA6.6 sleeve avoids the possibility of conductor breakage at the barrel entrance.
- Main characteristics of the PA6.6 sleeves:

- DIELECTRIC STRENGTH (KV/mm)	: >16,5
- VOLUME RESISTIVITY ($\Omega \cdot \text{cm}$)	: >10 ¹³
- OPERATING TEMPERATURE RANGE (°C)	: - 20 ÷ + 115°C (Surge + 130° C)
- FLAMMABILITY (UL-94)	: V-2
- DENSITY (g/cm ³)	: 1,14
- WATER ABSORPTION (%)	: 1,5
- BREAKING LOAD (N/mm ²)	: 77
- The connectors can be stored at a minimum temperature not below - 40°C.

Markings:



- **UL Listing according to standards UL 486A-UL486B for USA
and CSA C22.2 for Canada (file E125401)**

Cembre SpA

Via Serenissima, 9 - 25135 Brescia (Italy)

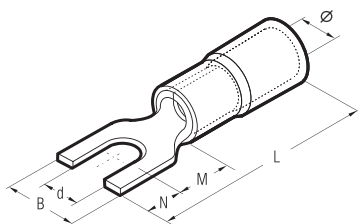
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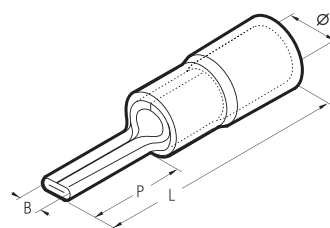
Sections and Dimensions:

Series ANE-U



Conductor Size Flexible sqmm	Ø Stud mm	Ref.	Dimensions mm						Quantity Box/Bag
			Ø	B	M	N	L	d	
10	4	ANE 2-U 4	8,0	9,8	7,5	7,0	35,1	4,3	500/100
	5	ANE 2-U 5	8,0	11,5	7,5	7,0	35,1	5,3	500/100
16	4	ANE 3-U 4	9,2	10,0	10,0	8,0	41,1	4,3	500/100
	5	ANE 3-U 5	9,2	11,5	10,0	8,0	41,1	5,3	500/100

Series ANE-P



Conductor Size Flexible sqmm	Ref.	Dimensions mm				Quantity Box/Bag
		Ø	B	P	L	
10	ANE 2-P 12	8,0	4,3	14,5	35,1	500/100
16	ANE 3-P 14	9,2	5,5	18,0	41,1	500/100
25	ANE 5-P 16	11,1	7,0	20,3	45,0	300/100
35	ANE 7-P 20	13,6	8,0	24,5	55,0	200/50

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