

sofamel

Technical Specifications

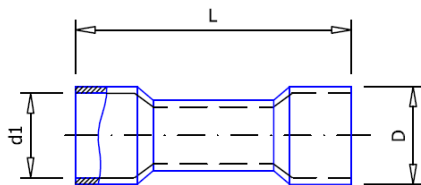


AML Model

Insulated butt-connector

Description

The AML insulated terminals are made of electrolytic copper strap and PVC insulation. They incorporate an inside fitting that provides a better security to stand possible mechanical vibrations.



Characteristics of the product

Connection device for low voltage circuits for domestic and analogue use. Recommended for use in flexible conductors.

Nominal Voltage: 600 V

Heat resistance is -15° C to +60 ° C

| Code | Ref. | Section (mm ²) | Dimensions (mm) | | | Kg x 1.000 | Bag | Box |
|--------|---------|----------------------------|-----------------|-----|-----|---------------|-----|------|
| | | | L | D | L | | | |
| 300100 | AML-1,5 | 1,5 | 24,2 | 4,0 | 1,7 | 0,840 | 100 | 1000 |
| 300110 | AML-2,5 | 2,5 | 24,2 | 4,5 | 2,3 | 1,010 | 100 | 800 |
| 300120 | AML-6 | 6,0 | 26,0 | 6,3 | 3,4 | 2,130 | 100 | 500 |

AML Model

Insulated butt-connector

Características Materia Prima

Material:

- Insulator: PVC
- Inserts: Electrolytic copper annealed to guarantee the necessary ductility for the crimp. Tinned.
- Funnel-shaped Interior to facilitate cable entry.
- General characteristics of PVC insulator:
 - Dielectric rigidity: 12 Kv/mm
 - Volumetric resistivity: > 1015 Ω /cm
 - Maximum working temperature: 150 ° C
 - Specific weight: 1.45 g/cm³
 - Modulus of Elasticity (TRACTION): 31,000 kg/cm²
 - Hardness: 80-83 Shore D.
 - Air humidity absorption: from 0.05 to 0.4%
 - Elongation to break: > 20%
- Flame propagation: self-extinguishing

Certificates

Comply with European Union Directive 2015/863/EU (**RoHS 3**).

Quality tests according to standard **UNE 21021**

Electrical characteristics

The maximum intensity depends on the section of the cable used, if it is ventilated it will hold more current.

With the AML terminal:

Section 1.5 mm² and cable of 1.5 mm² can hold between 13 and 15, 5A.

Section 2.5 mm² and cable 2.5 mm² can hold between 18 and 21A.

Section 6 mm² and cable 6 mm² can hold between 31 and 36A.