

sofamel

Product Technical Specifications

Mod. TDC/S Bimetallic cable lug



Functionality

Bimetallic cable lug for connections of **LOW** and **MEDIUM VOLTAGE** circuits. They are used in a wide range of sections, both for flexible and rigid copper cables in underground distribution networks.

These terminals must be crimped by stepped **DEEP PUNCHING**.

Product Features

Manufactured by **HIGH CONDUCTIVITY ALUMINUM** casting with a purity equal to or greater than 99.5% with a tinned surface finish of 15 μ thickness to improve electrical contact and prevent oxidation.

It incorporates the neutral grease in the hole to avoid the oxidation of aluminum. Specially designed for connections with **UNDERGROUND** cable.

These terminals are suitable for indoor and outdoor installations as long as any possible water inlet is sealed by tape or heat shrink, as could be the inspection hole and / or the remaining separation between terminal and cable once crimped.



Mod. TDC/S

Bimetallic cable lug

The Sofamel terminals are marked with the Sofamel logo and the driver's section.

The sections of this product can go from **16 to 400 mm²**, the blade drill is **13 mm**.

Raw Material Features

ALUMINUM

Aluminum type: **High purity aluminum (99.5% or higher)**.

Alloy: **1050**.

Surface treatment: **tin bath 15μ thick**.

Certified

According to the Standards:

UNE 211024-1

IEC 61238-1

They have the **AENOR** certificate  (terminals with sections **50, 95, 150, 240 and 400**)



Electrical Features

CLASS A cable lug:

Connectors intended for the distribution of electricity or industrial networks, where they may be subjected to short circuits of relatively high intensity and duration. As a result, they adapt to most applications.