

sofamel

Product Technical Specifications

Mod. TDC/S KIT

Iberdrola-standard insulated stamped bimetallic terminal

Functionality

Bimetallic cable lug for connections of **LOW** and **MEDIUM VOLTAGE** circuits. They are used in a wide range of sections, for aluminum cables to copper plate.

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. 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**.





Mod. TDC/S KIT

Bimetallic cable lug

Raw Material Features

ALUMINUM

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

Alloy: **1050.**

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

- * Synthetic rubber insulating cover.
- * Phase or neutral identification rings.
- * Connection washers.

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.

Dimensions

TDC/S K-50/8 KIT	50	26	100	51
TDC/S K-50/10 KIT				
TDC/S K-50/12 KIT				
TDC/S K-95/10 KIT	95	31	128	68
TDC/S K-95/12 KIT				
TDC/S K-150/10 KIT	150	38	140	86
TDC/S K-150/12 KIT				
TDC/S K-240/12 KIT	240	38	140	86
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Certified

According to the Standards:

IEC 61238-1: 2006 Mechanical and compression connectors for power cables of assigned voltages up to 36 kV (Um-42 kV).

Part 1: Test methods and requirements.

UNE 211024-1:2010. Connection accessories. Connection elements for underground low- and medium-voltage distribution networks up to 18/30 (36) kV PRODUCT

NI 56.88.01 Insulated cable accessories with 0.6/1kV underground network aluminum conductors

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

