

Service insulation piercing connector for bare conductor



K258



K470
with yellow shear head indicator

Application

This connector is designed to connect the insulated service conductors to the low voltage overhead copper or aluminium alloy bare conductor network.

Two versions are available according to the type of conductor to be connected (Al or Cu):

- CNA (with aluminium alloy contact bridges),
- CNU (with rough brass contact bridges).

Description

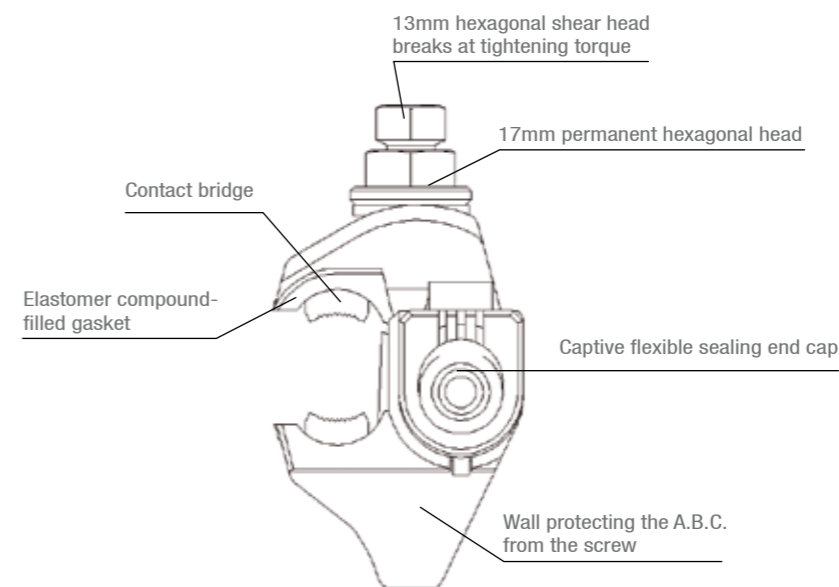
Connector general features:

- Tightening of the bare main conductor and piercing of the tap conductor are carried out simultaneously in a single tightening operation.
- The tightening screw is potential free.
- Tightening efficiency is ensured by a shear head screw.
- Connectors K470 and K471 are fitted with a yellow shear head indicator that disappears when head is sheared-off, being a clear visual confirmation of good tightening from ground level. It increases head height by 10 mm.

This connector meets the criteria of the **NF C 33-020** and **EN 50-483** standards.

Connector end cap:

- The connector end cap is flexible so that to feel good tap conductor insertion simply by hand.
- It is carrying membranes instead of grease, granting watertightness around tap conductor end on long term basis.
- It is glued on connector body so that to avoid eventual loss during handling, installation and environment (wind, bad weather...).
- It can be equipped with a hard end cap, gripping and covering so, in case rigid cover is required. (Part Number K246 : please enquire for further information).



Installation

- Insert the insulated tap conductor into the connector so that its end seats in the flexible end cap.
- Use a 13mm spanner and tighten the connector on the bare main conductor until the shear head breaks.
- The 17mm permanent screw head is only provided for possible dismantling, and must not be used to re-tighten the screw after the 13mm head has broken.
- Installation can be carried out on a live line but with no load on the tap conductor.

Code	Designation	Contact bridge	Capacities Main bare (mm ²)	Capacities Tap insulated Al-Cu (mm ²)	Weight (kg)	Sales unit
ZINC-PLATED STEEL FASTENERS (ZF)						
K258	CONNECTOR RDP/CNU 95 ZF	Brass	Cu 7-95	6-35	0.150	20
K259	CONNECTOR RDP/CNA 95 ZF	Aluminium Alloy	Al 7-95	6-35	0.130	20
STAINLESS STEEL FASTENERS (SF) + YELLOW SHEAR HEAD INDICATOR						
K470	CONNECTOR RDP/CNU 95 SF	Brass	Cu 7-95	6-35	0.150	20
K471	CONNECTOR RDP/CNA 95 SF	Aluminium Alloy	Al 7-95	6-35	0.130	20

SEE SHEET
INSTALLATION / LV insulated toolings