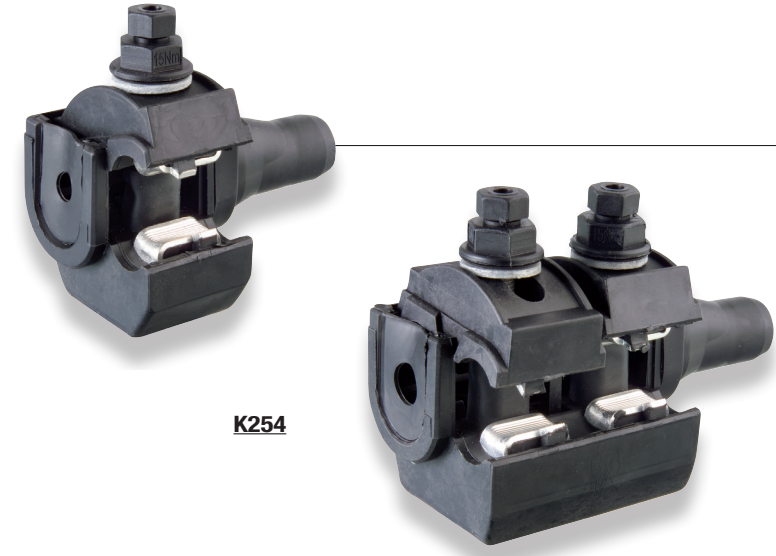


Network insulation piercing connector  
for bare conductor



K254

K257



K472 - K473  
with yellow shear head indicator



K474 - K475  
with yellow shear head indicator

Application

This connector is designed to connect a low voltage A.B.C. (Aerial Bundled Conductors) network to another low voltage aluminium alloy or copper bare conductors network.  
The section of the bare conductors is from 7 to 240mm² depending on the model.  
The section of the insulated cables is from 25 to 150mm² depending on the model.

Description

Connector general features:

- The tightening screws are potential free.
- Tightening efficiency is ensured by a shear head screw.
- Connection on the tap conductors is established using insulation piercing technology.
- Connectors K472, K473, K474 and K475 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.

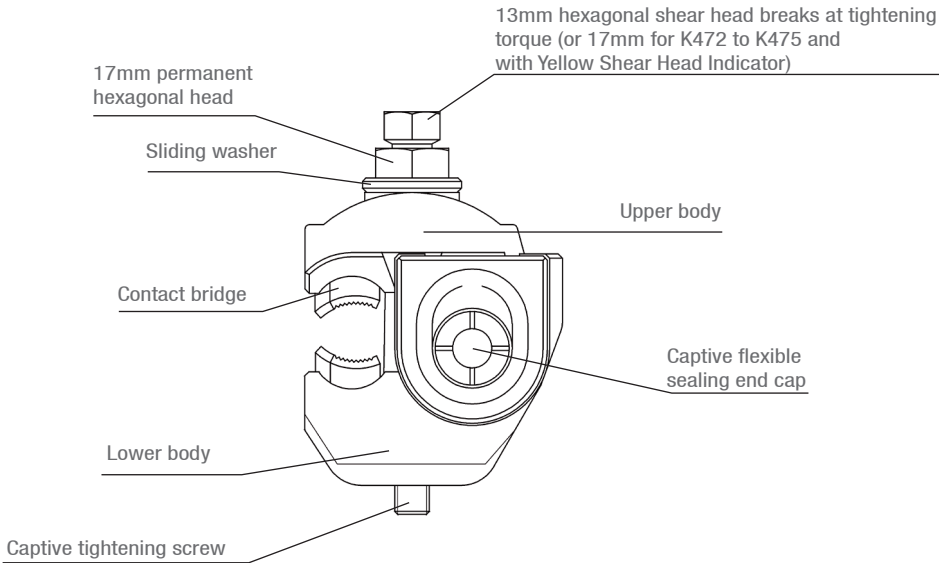
This connector meets the criteria of the **NF C 33-020** and **EN 50-483** standards.

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 K245: 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 for K254 - K257 or 17mm for K472 to K475. Tighten the connector on to the bare conductor until the shear head breaks.
- The 17mm hexagonal screw head is only provided for possible dismantling, and must not be used to re-tighten the screw after the first 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 (mm²)	Capacities Tap insulated Al-Cu (mm²)	Weight (kg)	Sales unit
ZINC-PLATED STEEL FASTENERS (ZF)						
K254	CONNECTOR CDRSp/CN 120-70 ZF	Tinned brass	Al-Cu 7-120	25-70	0.210	20
K257	CONNECTOR CDRSp/CN 120-150 ZF	Tinned brass	Al-Cu 7-120	25-150	0.410	10
STAINLESS STEEL FASTENERS (SF) + YELLOW SHEAR HEAD INDICATOR						
K472	CONNECTOR RDP/CNU 120-95 SF	Copper Alloy	Cu 7-120	25-95	0.270	20
K473	CONNECTOR RDP/CNA 120-95 SF	Aluminium Alloy	Al 7-120	25-95	0.230	20
K474	CONNECTOR RDP/CNU 240-150 SF	Copper Alloy	Cu 50-240	35-150	0.640	8
K475	CONNECTOR RDP/CNA 240-150 SF	Aluminium Alloy	Al 50-240	35-150	0.550	8

These connectors can be connected to copper or aluminium alloy bare conductors.

SEE SHEET  
INSTALLATION / LV insulated toolings