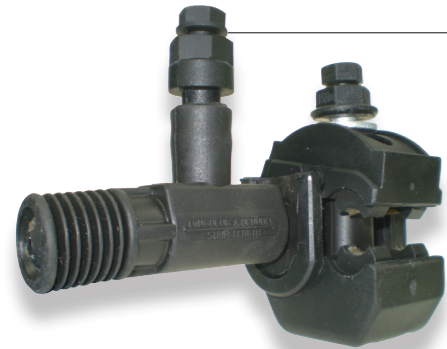
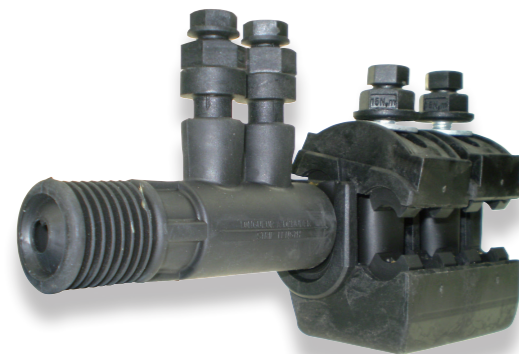


# Network insulation piercing connector with dismantlable tap contact

On A.B.C

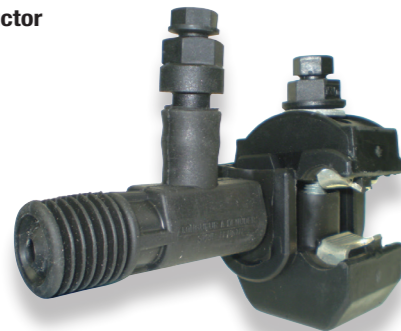


**K342**



**K343**

One bare conductor

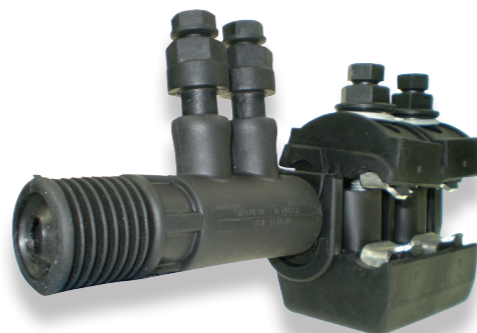


**K376 - K378**



**K444**

with yellow shear head indicator



**K377 - K379**

## Application

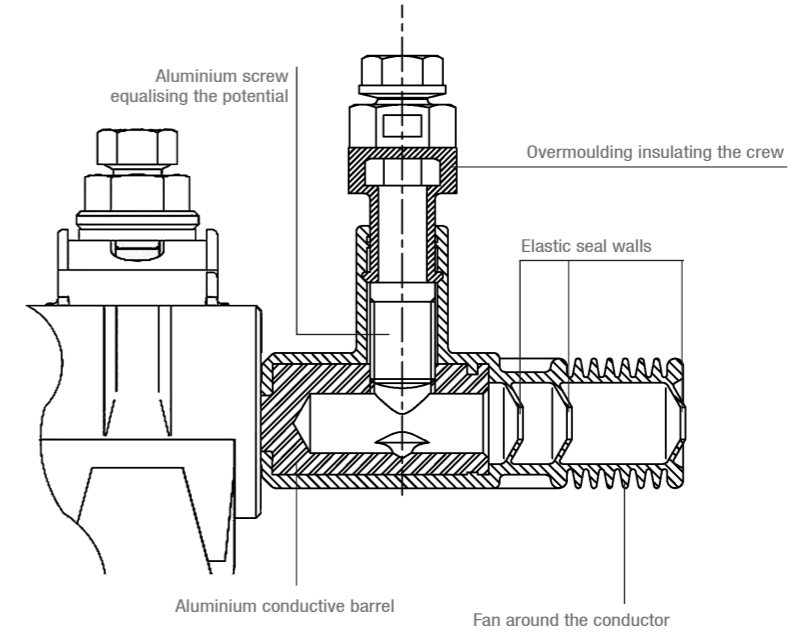
This connector is designed to connect a low voltage A.B.C. (Aerial Bundled Conductors) to another network of the same type or to a low voltage aluminium alloy or copper bare conductors network.  
In main line, the section of the insulated conductors is from 25 to 150mm<sup>2</sup> depending on the model, and is from 7 to 120mm<sup>2</sup> on bare conductors.  
In tap line, the section of the insulated conductors is from 25 to 70mm<sup>2</sup> and from 35 to 150mm<sup>2</sup> depending on the model.

## Description

- For the connection of the tap and for the connectors for insulated conductors, the dielectric strength in water is greater than 6kV.
- All of the tightening screws are potential free.
- Tightening efficiency is ensured by shear head screws.
- Connection on the main conductor is established with 1 or 2 shear head screws, depending on the model. This connection can be dismantled but not reused.
- Connection on the tap conductor is established after stripping its end with 1 or 2 shear head screw(s), depending on the model. It can be dismantled and reused.
- The connector K444 is 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.

Details of the tap contact :



## Installation

- Place the connector on the main conductor and tighten using a 13mm spanner 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 first head has broken.
- Strip the tap conductor over the recommended length, insert it fully into the bore after brushing it with neutral grease.
- Tighten using a 13mm spanner until the shear head breaks (double screw on K377, K379 and K343).
- If dismantling and reassembling the tap, tighten the screw(s) using a 17mm spanner to the torque indicated on the head: 15Nm.
- Installation can be carried out on a live line but the load on the tap conductor must not exceed 60A.

Code	Designation	Contact bridge	Capacities Al-Cu (mm)		Weight (kg)	Sales unit
			Main	Tap		
<b>ON A.B.C. INSULATED ZINC-PLATED STEEL FASTENERS (ZF)</b>						
K342	CONNECTOR CDR/CT 2S 150-70 ZF	Tinned brass	25-150	25-70	0.260	10
K343	CONNECTOR CDR/CT 2S 150-150 ZF	Tinned brass	35-150	35-150	0.520	10
<b>ON A.B.C. INSULATED STAINLESS STEEL FASTENERS (SF) + YELLOW SHEAR HEAD INDICATOR</b>						
K444	CONNECTOR CDR/CT 2S 150-150 SF	Tinned brass	35-150	25-150	0.520	4
<b>ON BARE CONDUCTOR ZINC-PLATED STEEL FASTENERS (ZF)</b>						
K376	CONNECTOR CDR/CNA 2S 70 ZF	Tinned brass	7-120	25-70	0.280	10
K377	CONNECTOR CDR/CNA 2S 150 ZF	Tinned brass	7-120	35-150	0.530	10
K378	CONNECTOR CDR/CNU 2S 70 ZF	Tinned brass	7-120	25-70	0.280	10
K379	CONNECTOR CDR/CNU 2S 150 ZF	Copper alloy	7-120	35-150	0.530	10

**SEE SHEET**  
INSTALLATION / LV insulated toolings