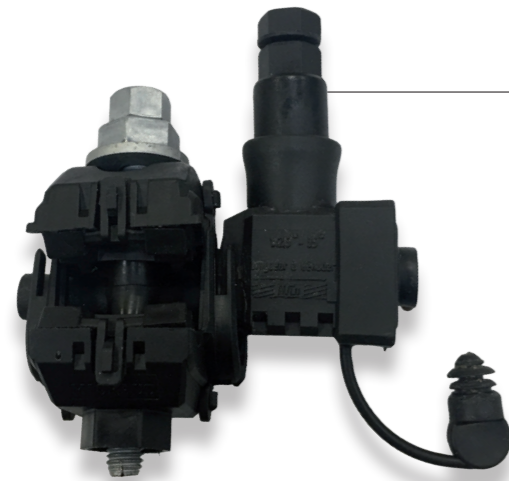


# Service connector with independent tightening

## Dismountable tap contact single service connector



**K397**

### Application

This connector designed to connect independently the insulated service conductors to the low voltage A.B.C. (Aerial Bundled Conductors). While connection of the main line conductor uses insulation piercing technology, that of the tap line uses stripping technology.

### Description

- The dielectric strength in water is greater than 6kV.
- The tightening screws are potential free.
- Tightening efficiency is ensured by shear head screws.
- The independent tightening tap line can accommodate solid or stranded core aluminium or copper insulated conductors with sections between 2.5 and 35mm<sup>2</sup>.

This connector meets the criteria of the **NF C 33-020** and **EN 50483** standards.

### Installation

- Install the connector on the main conductor using a 13mm spanner until the shear head breaks.
- The 17mm permanent screw head is only provided for possible dismantling. It must not be used to re-tighten the screw after the 13mm head has broken.
- Strip the tap conductor over the recommended length and brush with neutral grease.
- Insert the conductor fully into the connector by piercing the seal wall.
- Tighten using a 13mm spanner until the shear head breaks.
- If dismantling and reassembling the tap, tighten the screw to the torque indicated on the head.
- It can be installed live. The load on the tap conductor must not exceed 90A.
- It can be disconnected live, but with no load.

Code	Designation	Contact bridge	Capacities Main insulated Al-Cu (mm <sup>2</sup> )	Capacities Tap insulated Al-Cu (mm <sup>2</sup> )	Weight (kg)	Sales unit
<b>ZINC-PLATED STEEL FASTENERS (VZ)</b>						
<b>K397</b>	<b>PIERCING CONNECTOR CB 1d/CT 95</b>	Tinned brass	16-95	2.5-35	0.175	6

# Bare conductor service connector with independent tightening



**K396**

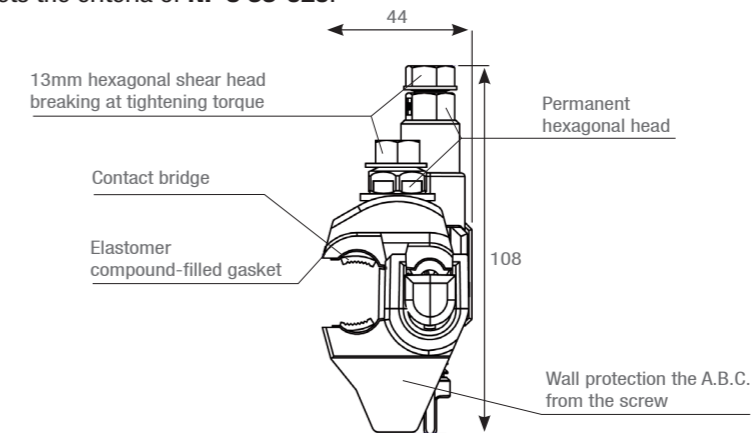
### Application

This connector is used for connecting independently the insulated service conductors to the low voltage overhead copper bare conductor network.

### Description

- The tightening screws are potential free.
- Tightening efficiency is ensured by shear head screws.
- The independent tightening can accommodate solid or stranded core aluminium or copper insulated conductors with sections between 2.5 and 35mm<sup>2</sup>.

This connector meets the criteria of **NF C 33-020**.



Dimensions in mm

### Installation

- Strip the tap conductor over the recommended length and brush with neutral grease.
- Insert the tap line fully, piercing the seal wall.
- Tighten using a 13mm spanner until the shear head breaks holding the tap line in your hand.
- 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. It 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.
- If dismantling and reassembling the tap, tighten the screw to the torque indicated on the head.
- It can be disconnected live, but with no load.

Code	Designation	Contact bridge	Capacities Main bare (mm <sup>2</sup> )	Capacities Tap insulated Al-Cu (mm <sup>2</sup> )	Weight (kg)	Sales unit
<b>ZINC-PLATED STEEL FASTENERS (VZ)</b>						
<b>K396</b>	<b>STRIPPING CONNECTOR RDP 1d/CNU 95</b>	Brass	Cu 16-95	2.5-35	0.210	6

**SEE SHEET**  
INSTALLATION / LV insulated toolings