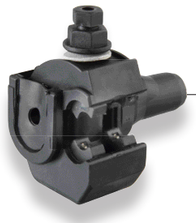
MICHAUD

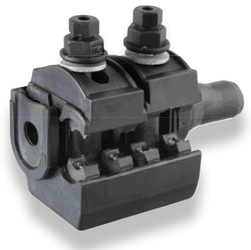
Low Voltage Energy

LV network connector

Network insulation piercing connector



K355



K356

K381

K247

K366

K365

K445
with yellow shear head indicator

K354
with yellow shear head indicator

K446
with yellow shear head indicator

Application

This connector is designed to connect a low voltage A.B.C. (Aerial Bundled Conductors) network to another network of the same type.

Description

Connector general features:

- Insulation piercing is carried out on the main and tap conductors simultaneously.
- The dielectric strength in water is greater than 6kV.
- The tightening screws are potential free.
- Tightening efficiency is ensured by shear head screws.
- Connectors K445, K354 and K446 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.

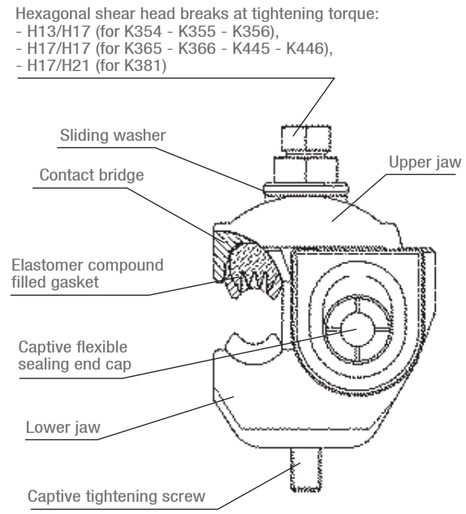
This connector meets the criteria of the **NF C 33-020** and **EN 50-483** standards.

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. (Note: connector K 381 is delivered without a cap).
- Use a 17mm spanner (13mm for connectors K354, K355 and K356) and tighten the connector on the insulated conductor of the bundle until the shear head breaks.
- The 17mm permanent screw head (21mm for connector K381) 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 insulated Al-Cu (mm²)	Capacities Tap insulated Al-Cu (mm²)	Weight (kg)	Sales unit
ZINC-PLATED STEEL FASTENERS (ZF)						
K365	CONNECTOR CDRS/CT 95-95 ZF	Aluminium	25-95	25-95	0.235	20
K355	CONNECTOR CDRS/CT 150-95 ZF	Tinned brass	25-150	25-95	0.200	20
K366	CONNECTOR CDRS/CT AL 150-150 ZF	Aluminium	50-150	50-150	0.580	8
K356	CONNECTOR CDRS/CT 150-150 ZF	Tinned brass	35-150	35-150	0.400	10
K381	CONNECTOR CDRS/CT 240-240 ZF (without cap)	Tinned copper	50-240	50-240	0.820	1
K247	BLACK FLEXIBLE END CAP 95-240 - FOR CONNECTOR K381				0.027	6
STAINLESS STEEL FASTENERS (SF) + YELLOW SHEAR HEAD INDICATOR						
K445	CONNECTOR CDRS/CT 95-95 SF	Aluminium	25-95	25-95	0.230	20
K354	CONNECTOR CDRS/CT 150-95 SF	Aluminium	50-150	35-95	0.200	20
K446	CONNECTOR CDRS/CT 150-150 SF	Aluminium	50-150	50-150	0.560	8

Connector K356 is manufactured on order: please contact us.

Option: Connector with movable end cap

This connector is used for connecting the insulated service conductors to the low voltage A.B.C (Aerial Bundled Conductors). The movable sealing end cap enables a tap connection on the right or on the left.
The main conductor connection and the tap ones use the insulation piercing technology.

Code	Designation	Contact bridge	Capacities Main insulated Al-Cu (mm²)	Capacities Tap insulated Al-Cu (mm²)	Weight (kg)	Sales unit
ZINC-PLATED STEEL FASTENERS (ZF)						
K555	CONNECTOR CDRS/CT 150-95 ZF	Tinned brass	25-150	25-95	0.174	20

SEE SHEET
OVERHEAD / LV end fitting / End cap

SEE SHEET
INSTALLATION / LV insulated toolings