

IPC for MV conductor

BLL/BLX conductor



K251



K250

Application

This I.P.C. (Insulation Piercing Connector) is designed to establish a tap connection from a medium voltage conductor type BLL/BLX (covered overhead conductor) to another BLL/BLX conductor. Connectors **K250** and **K251** can receive conductors section from 50mm² up to 241mm².

Description

- Insulation piercing of the main line and the tap line is carried out simultaneously.
- Contact bridges are studied to pierce an insulation thickness up to 3mm maximum.
- Tightening screws are potential free.
- Tightening efficiency is ensured by shear head screws.
- Connectors **K250** and **K251** can receive respectively main and tap conductors as follows:
 - 50-157/50-157mm²
 - 50-241mm²/50-241mm²
- IPC are delivered with a sealing end cap.

This connector meets the criteria of the **EN 50483-5-6** and **EN 50397-1-2** standards.

Code	Designation	Contact bridge	Main line insulated Al-Cu (mm ²)	Tap line insulated Al-Cu (mm ²)	Weight (kg)	Sales unit
ZINC PLATED STEEL FASTENERS						
K250	IPC 50-157 BLL/BLX	Tinned copper	50-157	50-157	0.640	18
K251	IPC 50-241 BLL/BLX	Tinned copper	50-241	50-241	0.810	18

Bare conductor



U400

Application

This connector is used to bypass a bare aluminium medium voltage conductor onto another conductor of the same type. Its design allows work under tension with the help of a pole.

Description

- This single piece aluminum alloy connector is highly resistant to corrosion.
- A spring-loaded metal damper provides very good mechanical properties required for pole installation. The design of the damper makes it possible to block the driver once installed.
- The clamping screw, ring type, is provided with a torque limiter that breaks in case of mechanical overload of the ring (> 30Nm). If the torque limiter breaks, the connector can be disassembled using a 13mm hex wrench.
- The capacities are:
 - Main: 25-95mm² Al
 - Tap: 25-95mm² Al (the derivative conductor can be installed from the top or bottom).

Code	Designation	Main line Al (mm ²)	Tap line Al (mm ²)	Weight (kg)	Sales unit
U400	RING CONNECTOR 25-95 / 25-95	25-95	25-95	0.200	10

Accessories

These two horns are used as a tap conductor to realise a tap connection, a re-supply, a short-circuit or an earthing on BLL/BLX network.



K252



K253

Code	Designation	Weight (kg)	Sales unit
K252	HORN TYPE OPEN FOR BLL/BLX IPC	0.390	10
K253	HORN TYPE CLOSED FOR BLL/BLX IPC	0.518	20

