Aerial connection box 7 outlets

MICHAUD

Application

The box makes it possible to establish the junction of 2 overhead networks and the tap connection up to 6 single phase or three phases connections maximum.
It can be installed on a façade or a pole.
It can also be used at the network end.

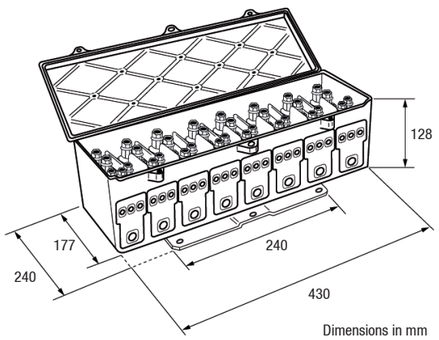
Michaud Export exclusivity

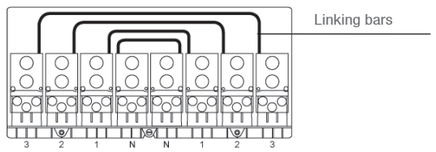
Description

- The colour of the enclosure is ivory.
- The box is equipped with 8 connection blocks (2 neutral + 6 phases). The "neutral block" comprises one inlet and 6 outlets: each "phase box" comprises one inlet and 3 outlets.
  Network terminals use the insulation piercing technology. Service terminals use the stripping technology. The connection blocks are linked 2 by 2 by linking bars.
- Each connection block is accessible with the contact pin of a test probe.
- The inlet and outlet of the conductors in the lower part are performed through elastomer sealed sockets.
- The box is delivered with an integrated anti corrosion metal fixing plate. The rigidity of this plate allows it to be installed on uneven surfaces.
- The cover is closed using 2 stainless steel screws.
- An integrated device enables the assembly to be sealed and possibly padlocked.
- The terminal separators inside the box enable the conductors to be connected in any order.
- The degree of protection of the enclosure is IP43 (according to **NF EN 60529**).
- When the cover is opened, the degree of protection of the live parts is IP2X.
- This box meets the acceptance criteria of the **HN 62-S-33** standard.

The benefits :

- **Perform multiple single phase or three phases connections**
- **Better spread charges** on the network, thanks to the connections visibility
- **Guarantee the network durability** (better resistance to corrosion and humidity)
- **Remove the connectors** (safer network organized, fraud-preventing strengthened)
- **Disconnect suscribers easily** (network cable unimpacted, possibility to re-use connectors)
- **Check the potential at the connection terminals** (with a test probe)
- **Guarantee a better fitters safety** (electric shock risk limited)





Implementation

Caution: the connection is not designed to withstand a mechanical strength on the conductors, which must be anchored.
The maximum flow power is 160kVA.

"NETWORK" terminals

- **"NETWORK" terminals : Insulation piercing**
  Capacity: 50mm² - 150mm² Al or Cu

- Insert the conductor fully through the corresponding sealed socket, up to the stop.
- Tighten the terminal screw until the shear head breaks.
- Use a wrench with 17mm hexagonal socket only.

"SERVICE" terminals

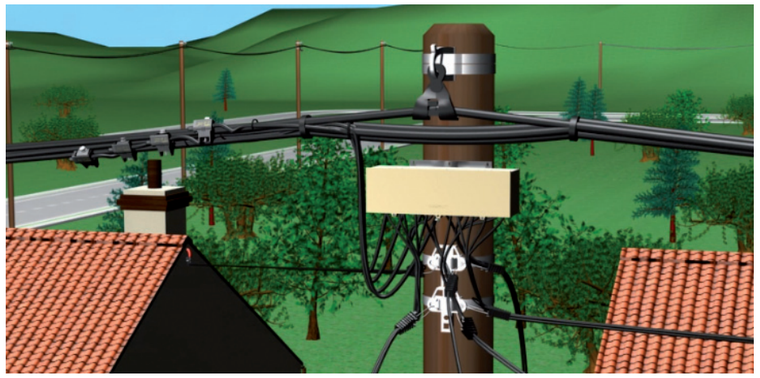
- **"SERVICE" terminals : Stripping**
  Capacity: 10mm² - 35mm² Al or Cu
  16M - 50M Al

- Strip the conductor to be connected over a length of 30mm.
- Brush it with neutral grease.
- Insert it fully through the seal socket up to the stop.
- Tighten the screw until the shear head breaks.
- Use a wrench with 10mm hexagonal socket only.
- If reused, the conductor must be cut and stripped again. The recommended torque is 10Nm with an adapted spanner.
- Implementation can be carried out on a live line but the load on the connected conductor must not exceed 60A.

References

Code	Designation	Weight (kg)	Sales unit
P 435	STRIPPING AERIAL CONNECTION BOX 7 OUTLETS	6.090	1

Implementation video available on www.michaud-export.com
(tab Documentation > Implementation videos)



New installation