

## Aerial distribution box

3 services or 7 services and 1 network



**P431**  
3 outlets  
4 connection blocks



**P435**  
7 outlets  
8 connection blocks

### Application

The box with 3 outlets is designed to establish up to 6 single phase connections or up to 3 three phase connections at one point of the low voltage aerial bundled network. The box with 7 outlets is designed to establish the junction of 2 overhead networks and the tap contact of 6 single phase or three phase connections maximum. These boxes can be installed on a façade or a pole. They can also be used at the network end.

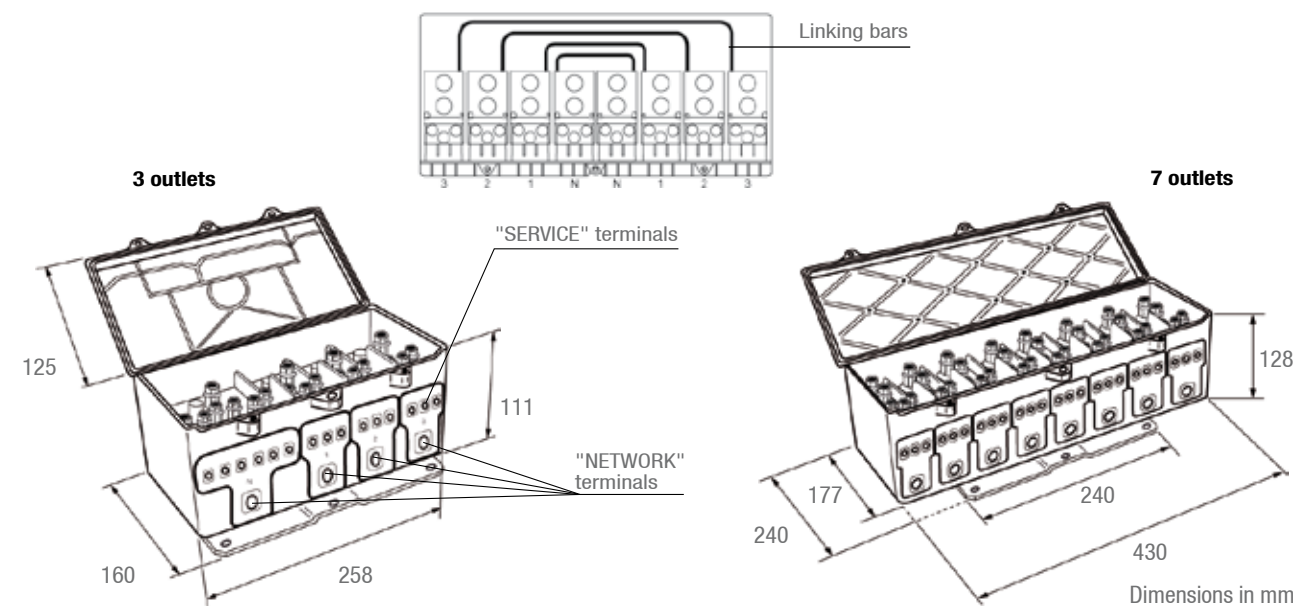
### The benefits:

- + Perform 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)
- + Reduce the number of connectors (safer network organisation, strengthened fraud-prevention)
- + Disconnect subscribers 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)

### Description

- The box with 3 outlets is equipped with 4 connection blocks (1 neutral + 3 phases). The "neutral block" consists of one inlet and 6 outlets: each "phase box" consists of one inlet and 3 outlets.
- The box with 7 outlets is equipped with 8 connection blocks.
- The network terminals use insulation piercing technology, and the service terminals use 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 by elastomer seal sockets.
- The box is delivered with a metal integral fixing plate, which is resistant to corrosion. 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** standard). When the cover is open, the degree of protection of the live parts is IP2X.

This box meets the criteria of the **HN 62-S-33** standard.



	Network	Service	Maximum flow power
<b>P431</b>	Capacity: 35mm <sup>2</sup> - 150mm <sup>2</sup> Al ou Cu Insulation piercing	Capacity: 10mm <sup>2</sup> - 35mm <sup>2</sup> Al ou Cu 16M - 50M Al Insulation piercing	110kVA
<b>P432</b>	Capacity: 35mm <sup>2</sup> - 150mm <sup>2</sup> Al ou Cu Stripping	Capacity: 6mm <sup>2</sup> - 35mm <sup>2</sup> Al ou Cu 16M - 50M Al Stripping	
<b>P435</b>	Capacity: 50mm <sup>2</sup> - 150mm <sup>2</sup> Al ou Cu Insulation piercing	Capacity: 10mm <sup>2</sup> - 35mm <sup>2</sup> Al ou Cu 16M - 50M Al Stripping	160kVA
<b>P438</b>	Capacity: 50mm <sup>2</sup> - 150mm <sup>2</sup> Al ou Cu Insulation piercing	Capacity: 10mm <sup>2</sup> - 35mm <sup>2</sup> Al ou Cu 16M - 50M Al Insulation piercing	



Installation video available on [www.michaud-export.com](http://www.michaud-export.com)



Code	Designation	Network terminals	Service terminals	Weight (kg)	Sales unit
<b>P431</b>	<b>INSULATION PIERCING AERIAL CONNECTION BOX 3 OUTLETS</b>	Insulation piercing	Insulation piercing	2.880	1
<b>P432</b>	<b>STRIPPING AERIAL CONNECTION BOX 3 OUTLETS</b>	Stripping	Stripping	2.780	1
<b>P435</b>	<b>STRIPPING AERIAL CONNECTION BOX 7 OUTLETS</b>	Insulation piercing	Stripping	6.090	1
<b>P438</b>	<b>PIERCING AERIAL CONNECTION BOX 7 OUTLETS</b>	Insulation piercing	Insulation piercing	6.090	1