

# SIMPLIFIED COMPACT RURAL PREFABRICATED TRANSFORMER SUBSTATION



NAUVASOCLE simplified compact rural MV/LV transformer substations for 50 to 160 kVA transformers.

## Main characteristics

These transformer substations are designed to be powered with a simple bypass from an overhead or underground network.

- CCV concrete enclosure comprising:
  - A 50 to 160 kVA step-down transformer
  - A 1 or 2 feeder LV fuse board
  - A pre-wired board accommodating the BPL concentrator
  - An oil retention system integrated into the substation's civil engineering
- MV network incoming feeders: direct feeder
- Breaker protection transformer
- LV distribution: Simplified compact rural prefabricated device with 2 feeders
- Transformer yield: A0Ck

## Advantages

- Discrete, easy to install substation with a low impact: 1.25 m<sup>2</sup>
- Substation can be craned by the installer: minimal excavation, removable front panel for easier MV and LV cable connections.
- Easy to operate due to 90° roof opening
- Inaudible substation
- Eco-design substation: product designed for a minimal environmental impact.
- Supply quality: breaker protection transformer and LV board equipped with a charging device for each feeder.
- Advanced safety substation

## Uses

- Public Distribution market