

PROTECTIVE CABINET WITH TRIPOD BASES



Cabinet with a LV protective panel for vertical tripod posts mounted on a pole and offering fuse protection.

LV panels ensuring and guaranteeing high breaking capacity fuse protection for network conductors and transformers on a pole from 50 to 400 kVA. For public distribution overhead LV networks.

These LV pole-top panels are developed according to the customer's specifications and can meet all needs :

- Customised solutions with or without a general cut-off switch and up to 3 or 4 network feeders
- Underground connections
- Integration of distribution transformer load protection by means of a general cut-off switch
- Optional equipment for measuring and monitoring electricity amounts on arrival and/or departure.

Main features

- Outdoor IP 2X LV panel, placed downstream of a conventional pole-top MV/LV transformer with or without MV fuse protection.
- Size of the glass fibre-reinforced polyester enclosure adapted to the requested functionalities.

Base equipment :

- Protective enclosure made of a synthetic material
- Incoming feeder with or without a switch and with or without a circuit breaker,
- Insulated busbar of 400A or up to 800A
- 2 to 6 starting units of size 0 to size 2,
- One pole mounting bracket

Special equipment on request :

- Measurement or metering unit
- GSM/GPRS communication unit
- Public lighting board

Advantages

- Simplicity and reliability of the highest breaking capacity fuse protection (absolute short circuit efficiency)

- Selectivity with existing fuses downstream of the network
 - Fuse protection not requiring preventive maintenance and not ageing
 - Single-pole protection minimising the impact of the fault on the downstream charge
 - Option to integrate distribution transformer load protection by means of a general cut-off switch
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Uses

- Rural Environments
- Farming companies
- Engineering firms