

LOW VOLTAGE PANEL - TRAFFIX



LV panels ensuring and guaranteeing high breaking capacity fuse protection for network conductors and transformers on a pole from 50 to 160 kVA and up to 400 kVA. For public distribution overhead LV networks. Four-pole distribution panels with neutral conductor insulation and distribution.

TRAFFIX LV panels are suitable for all purposes:

- 1 or 2 mains feeders to replace the pole break
- Custom solutions with a general cut-off switch and 3 or 4 mains feeders
- Underground connections
- Supply for a public lighting network

Main characteristics

- Outdoor IP 2X LV panel, placed downstream of a conventional pole-top MV/LV transformer with or without MV fuse protection.
- Multiple glass fibre-reinforced polyester enclosure versions according to the requested functionalities :
 - Traffix SP (ENEDIS approved): 160 kVA device for an overhead feeder (or 2 feeders with the same protection)
 - Traffix DP (ENEDIS approved): device without a general cut-off and 2 fuse-protected feeders (optional underground feeder and public lighting network supply)
 - Traffix PG: 250 kVA device with 2 fuse-protected feeders and general protection of the transformer load by a dedicated fuse.
 - Traffix CG: up to 400 kVA device with a general cut-off switch and up to 4 feeders with fuse-protected distribution

Advantages

- Simplicity and reliability of the high 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
- Ideal coordination of the protection scheme between the MV and the LV (LV protection recommended with breaker protection transformers or with bridge MV fuses)
- Single-pole protection device minimising the impact of the fault on the downstream charge

Uses

- Rural Environments
- Farming companies

