

REDUCED URBAN LOW VOLTAGE PANEL



Low Voltage Panels for underground substations for distributing and protecting the LV network.

Main characteristics

Reduced Urban LV Panels (TUR) protecting 100 to 1000 kVA transformers and distributing the load over various network feeders downstream of the transformer substation.

Equipped with sensors and monitoring, the LV distribution panel can notify the operator with functional data about the substation.

It also supplies power to public lighting and existing auxiliary functions in a distribution substation.

- 5 available models: 800 A (4 units and 8 units max starting), 1200 A (4 units and 8 units max starting), 1800 A (8 units max starting)
- Base equipment:
 - Cut-off device (800, 1200 or 1800 visible circuit breaker switch locked in the open position)
 - Four-pole busbar on an insulator, intended to receive starting units
 - Metal frame
 - 10 x 38 circuit breaker to connect the substation's lighting circuit
 - Incoming transformer protective top screen
 - 2 side screens preserving accidental contacts
 - 1 packet of bolts for connecting incoming cables
- Special equipment upon request (feeder for public lighting, reservation panel, locking panel, short-circuiting panel, etc.)

Advantages

- Compact panel
- Switch with a view of the breaker
- Ease of use
- Customisable and scalable panel solutions (integration of a monitoring function, general protection by circuit breaker)

Uses

- Farming companies
- Integrators
- Engineering firms

