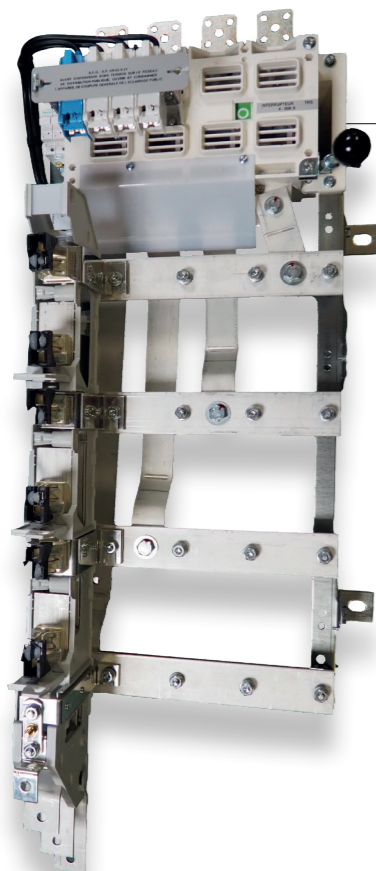


Reduced urban panel



F750 + F752

Application

This reduced urban panel (TUR) is used to protect low voltage distribution networks. It can be installed into the distribution station.

Description

- The reduced urban panel (TUR) is made of a three-poles switch with abrupt interlock and trigger, an aluminium set of bars (Phases 1-2-3 and neutral).
- The whole set is installed on a metal chassis.
- The inlets can receive cables with mechanical tightening terminal lug (up to 630mm²).
- The outlet is ensured by a 400A monobloc feeder including: 3 circuit breakers, 1 cut-out blade for neutral, 3 bars of feeder (Phases 1-2-3) and 1 bar of neutral outlet.
- The switch circuit breaker has a breaking capacity of 400A under load with a tension of 250V and a Cos φ of 0.9.
- It is made to receive fuses size 2, 115mm. The monobloc feeder allows the connection of a unipolar cable with maximal cross-section 240mm² (aluminium or copper).
- A street light connection for the station is located before the switch (breakout bipolar fuse 10.3x38 10A with a neutral tube).
- This low voltage panel is equipped of 4 mounting brackets.

T4 - 800A :

- This panel can be equipped with 4 monobloc feeders which can be implemented with size 2 fuses, 115mm.
- It is equipped with a general cutting device.

Characteristics:

- Intensity : 800A.
- Nominal tension : 440V.
- Test tension : 50Hz, 1 minute, 10kV compared to earth.
- Shock wave tension : 20kV.
- Breaking capacity of the switch with a nominal intensity on 440V cos φ = 0.9.
- Closing capacity of the switch : 16 000A effective and 32 000A peak with cos φ = 0.35.

T8 - 1 200A / 1 800A :

- This panel can be equipped with 8 monobloc feeders which can be implemented with fuses size 2, 115mm.
- It is equipped with a general cutting device.

Characteristics:

- Intensity : 1 200A / 1 800A.
- Nominal tension : 440V.
- Test tension : 50Hz, 1 minute, 10kV compared to earth.
- Shock wave tension : 20kV.
- Breaking capacity of the switch with a nominal intensity on 440V cos φ = 0.9.
- Closing capacity of the switch :
 - 25 000A effective et 52 000A peak with cos φ = 0.25 for T8 - 1 200A.
 - 32 000A effective et 72 000A peak with cos φ = 0.20 for T8 - 1 800A.

These reduced urban panels meet the criteria of the **HN 63-S-61** standard.

Insulated operation wrench:

- Hexagonal made of forged steel.
- Insulated for 10kV.

Closing panel for short-circuiting and test:

- This panel, made of insulated material blocks out one outlet, the three fuses being removed.
- It is lockable with 3 horizontal screws for each outlet.

Code	Designation	Sales unit
F750	REDUCED URBAN PANEL TUR T4 - 800	1
F749	REDUCED URBAN PANEL TUR T8 - 1200	1
F751	REDUCED URBAN PANEL TUR T8 - 1800	1
F752	MONOBLOC FEEDER	1
F753	CIRCUIT-BREAKER PROTECTOR	1
F754	INSULATED OPERATION WRENCH	1
F755	CLOSING PANEL FOR TUR T4 - 800	1

Note: Fuses are sold separately. Please **consult us**.

Option: Lock key

This lock type artillery is designed to close transformation station. Each lock has the same key for easier operation.

Code	Designation	Sales unit
F770	TRIANGULAR ARTILLERY LOCK KEY	1
F771	WRENCH LOCK	1

Note: Please **consult us** for the reservation panel.