STARTER MANUAL

WARNING

RISK OF DEATH, ELECTRIC SHOCK OR FIRE!

Installation may only be carried out by a qualified electrician.

Installation

- Switch off the installation
- Install the equipment on a DIN rail
- Wire the system according to the diagrams on the following page
- Install the antenna recommended by the LoRa network tests
- Switch on the installation

Module positioning :
The module can be installed in either direction, head-up or head-down, depending on the type of wiring chosen (terminal block or wired).
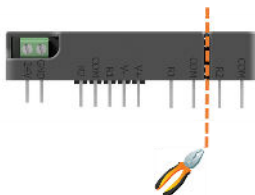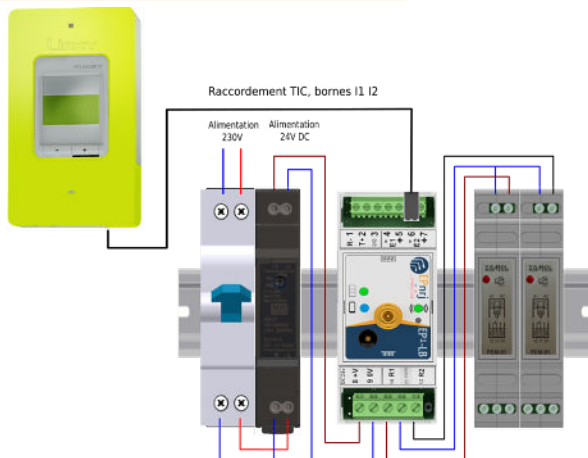
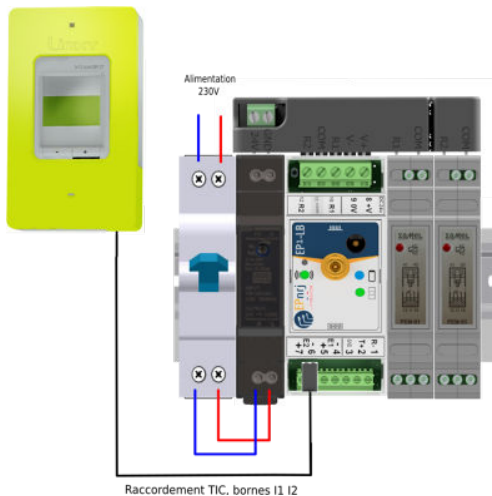### Wired   ### Terminal block

Removable terminal block :
when only one relay is used, the last part of the terminal block can be detached to simplify installation.

Wired insallation

Raccordement TIC, bornes I1 I2

Alimentation 230V

Alimentation 24V DC

Installation with terminal block

Alimentation 230V

Raccordement TIC, bornes I1 I2

CONFIGURATION AND COMMISSIONING

With the PYRESnrj.exe software

- Remove front protective cap
- **Connect parameter-setting cable**
- Connect to module using PYRESnrj.exe
- **Fill in the cabinet marker** defined in the pre-installation document
- Check settings and the on/off schedules
- Check electronic meter reading
- Make a switch-on test to validate wiring
- Synchronize time by clicking on the "Synchronize time" button
- Log off and close the PYRESnrj.exe software
- Remove the parameter-setting cable and replace the front protective cap

With the EPnrj Settings Android application

- Connect to the module using the *EPnrj Settings* Android application
  - The application is available on the Play Store
  - A user acount on www.monitoring.epnrj.com is required to use the app
- Check or fill in the cabinet marker as defined in the pre-installation document, see QR code page 4
- Check settings and on/off schedules
- Make a switch-on test to validate wiring
- Synchronize the time by clicking on the set time button, displayed at the 1st connection to the module with the app.
- Log off and close the Android app.

Instructions for installing a LoRa system

- **Before installation : Check network coverage :**

Before installing a LoRa system, the installer must check that the area has sufficient network coverage, which is essential for the good operation of the EPnrj equipment.

- **Antennas for metal cabinets :**

Metal cabinets must be equipped with remote antennas to limit signal attenuation and ensure good system operation.

- **Installation of remote antennas :**

Remote antennas must be installed outdoors, according to the recommendations available via the QR code at the bottom of the page, to ensure optimal connection.

Purpose of visual indicators:

TIC indicator
Flashing : searching for TIC signal
Steady : TIC signal found
Off : module being updated

Blue radio light
Steady : local radio conection
Off : no local connection (BLE)

Network indicator
Flashing green : connected to the LoRa network, no DL received in 14 days
Steady green : connected to the LoRa network
Flashing red : communication via parameter cable
Steady red : relays forced to switch
Off : no connection to the LoRa network

Pushbutton
Long press : forced ignition
3 short presses : device reset

To see the Quickstart manual, basic hardware, installation recommendations and installation tutorials, scan the QR code.