Energy Data Logger

F524

Description

The energy data logger is a device that can be used to:
- Display on the PC or other device (e.g. Smartphone) consumption/production data, recalling the web pages using an Internet Browser.
- Concentrate and save data consisting of 10 separate energy lines maximum. The lines can be the electric power lines, by connecting F520 meters, or an F521 Central unit for load management, or lines for water, gas, or heat consumption, by connecting 3522 pulse counter interfaces.
- Have a more detailed recording of electric data (using the Web pages included in the device it is possible to download an excel file to have in hand every 15 minutes details of each single electric line).
- Set several time bands for a more detailed conversion of the electric power value into an economic value (it is in fact possible to configure up to 8 different tariffs. E.g. two-hourly tariff, three-hourly tariff). For water and gas lines there are monetary conversion values without time bands.
- Export the data in excel file
- Have a simple data backup: the device features a housing for a micro SD memory card, on which consumption details for each individual line are saved daily.

Technical data

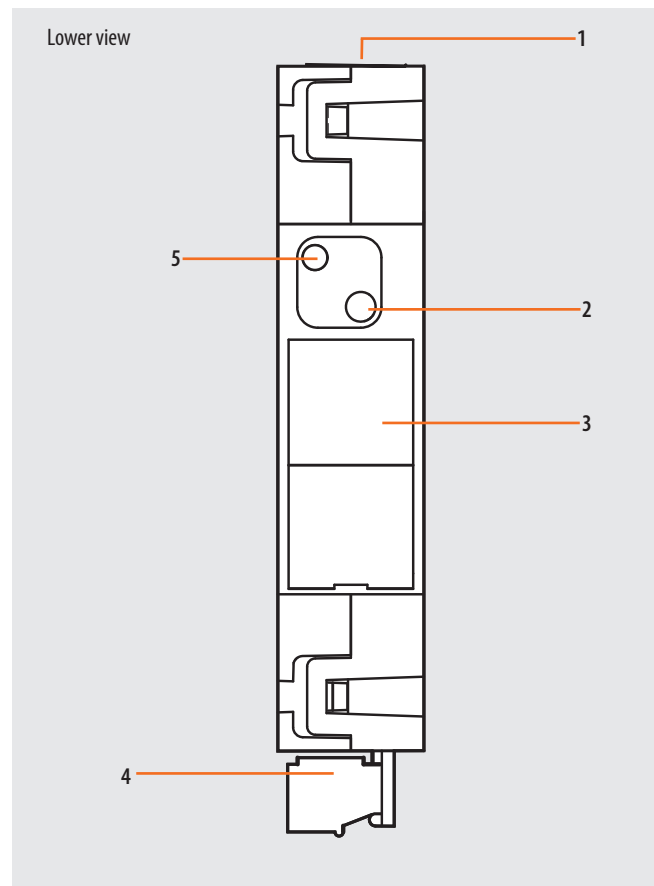|	
Operating power supply with SCS BUS:	18 - 27 Vdc
Absorption:	30 mA
Operating temperature:	5 – 40 °C

Dimensional data

1 DIN module

Lower view

Configuration

The device is configured using the WEB pages in the device. For the activation and the setup of the WEB pages refer to the CD supplied.
WARNING: To activate the Energy Data Logger functions, the date and time must be set (from WEB pages or other device).

Legend

1. Ethernet cable connection
2. Pushbutton
3. Micro SD memory card housing door
4. SCS/BUS connection
5. Power line/device status LED