

Energy meter - taxxo ER 80-1

Item No 05.25.0003.1 / EAN Code 4010940044107



PRODUCT DESCRIPTION

The taxxo ER 80-1 is a single-phase meter. The illuminated digital LC display can display two lines each with up to six digits. Equipped with a reset function, the intermediate meter can be set to zero at any time. This means yet more simple monitoring of consumption at a location, e.g. for cost control of important power consumers.

- ▶ Optimal tamper protection through sealable housing
- ▶ Indication of the system state through the systemstate and radio signal strength LEDs

APPLICATIONS

- ▶ Electrical energy consumption measurement
- ▶ Electrical heating facilities
- ▶ Installation in industrial and switching facilities
- ▶ Office complexes
- ▶ Camping and gardening facilities
- ▶ Separate areas, e.g. in apartment buildings
- ▶ Charging stations for electric cars
- ▶ Shopping centres
- ▶ Exhibition halls
- ▶ Marinas

TECHNICAL DATA

| Electrical Data | |
|--|--|
| Interface | S0 |
| Supply voltage | AC 230 V ± 20 % 50-60 Hz |
| Phase | 1 |
| Withstand voltage at mains frequency | 4 kV |
| Rated impulse withstand voltage (Uimp) | 6 kV |
| Impulse voltage | DC 12 - 27 V |
| Base current (Ib) | 5 A |
| Initial current | 0.004 Ib |
| Maximum current (Imax) | 80 A |
| Minimum current (Imin) | 0,25 A |
| Impulse current | 27 mA |
| Impulse | 1,000 Impulse/kWh |
| Impulse duration | 90 ms |
| Power consumption | 8 VA |
| Power loss | 0,4 W |
| Accuracy class | 1 |
| Power connection | |
| Device | Latching screw with wire protection 6 mm ² ... 16 mm ² |
| Cable length | 20 m |
| Communication method | |
| Wired | 2-wire |
| Status indicator | LED |
| Operating specifications | |
| Operating mode | Reset function |
| Tempering protection | Lead-sealable |
| Display and format | |
| Consumption indicator | Digital (2 x 6 digits) |
| | kWh |
| | Total kWh |
| Status indicator | Pulse indicator (LED) |

Sensor status indicator

Operating conditions

Temperature (operation) -20 °C ... +65 °C

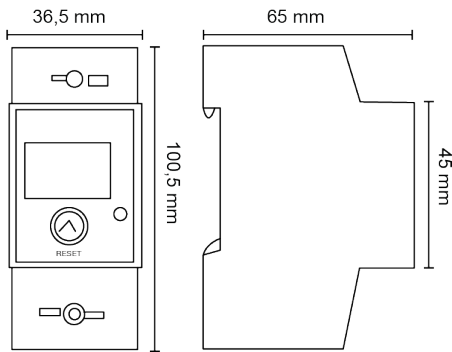
General specifications

Number of modules 2
 Colour Grey
 Dimension 100 x 36,5 x 65,5 mm
 Mounting DIN rail

Compliance with standards

Protection type IP51
 Protection class II, according to corresponding mounting
 Approval mark CE
 Standards and guidelines DIN 43684, IEC 62052-11, IEC 62053-21

DIMENSIONAL DRAWINGS



CIRCUIT DIAGRAMS

