

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
- ▶ Signalling of system status via 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
###	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
-------------------------	-------------------

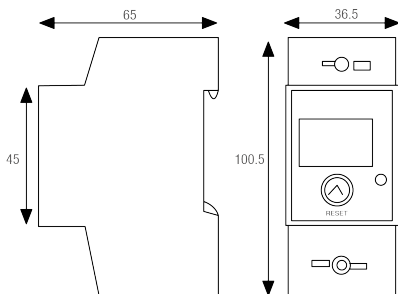
General specifications

Number of modules	2
Colour	Gray
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

