

Energy meter - taxxo E 100-3-MID

Item No 05.25.0004.1 / EAN Code 4010940044114



PRODUCT DESCRIPTION

The taxxo E 100-3-MID is most suitable for monitoring more than just one consumer. This energy meter covers seven module widths. The three-phase connection allows the recording of consumption of multiple users over a three-phase circuit. The device is suitable for billing in multiparty houses, in shopping malls or at camp sites and marinas. The amount of energy consumed per shift can be verified in shift work.

- ► High accuracy and maximum reliability through MID certification for custody transfer
- ► Optimal tamper protection through sealable housing
- ► Signalling of system status via LEDs

APPLICATIONS

- ► Electrical energy consumption measurement
- Electrical heating facilities
- ► Installation in industrial or switching systems or other consumers of heavy current, power current, construction current and three-phase current
- ► Office complexes
- ► Camping and gardening facilities
- ► Separate areas, e.g. in apartment buildings
- ► Charging stations for electric cars
- ► Shopping centres
- ► Exhibition halls
- Marinas
- Building services and wear monitoring for plants or machines

TECHNICAL DATA

Electrical Data	
Interface	S0
Supply voltage	AC 230 V \pm 20 % 50 Hz \pm 10 %
	AC 400 V \pm 20 % 50 Hz \pm 10 %
Phase	3
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 lb
Maximum current (Imax)	100 A
Minimum current (Imin)	0,25 A
Impulse current	27 mA
Impulse	1,000 Impulse/kWh
Impulse duration	30 - 80 ms
Power consumption	10 VA
Power loss	2 W
Accuracy class	B (MID)

Power connection Device Latching screw with wire protection 18 mm² ... 28 mm² Cable length 20 m

Communication method	
Wired	4-wired
Status indicator	LED

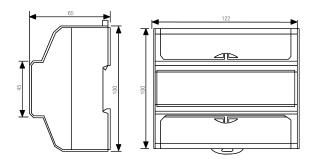
Operating specifications

Tempering protection Lead-sealable



Display and format	
Consumption indicator	Digital (7 digits)
	kWh
Status indicator	Pulse indicator (LED)
	Sensor status indicator
Operating conditions	
Temperature (operation)	-25° C +55° C
General specifications	
Number of modules	7
Colour	Gray
Dimension	100 x 122 x 65 mm
Mounting	DIN rail
Compliance with standards	
Protection type	IP51
Protection class	II, according to corresponding mounting
Approval mark	CE
	MID
Standards and guidelines	DIN 43684
	EN 50470-1
	EN 50470-3

DIMENSIONAL DRAWINGS



CIRCUIT DIAGRAMS



