

Power Meter

Single-phase direct insertion

Single Power Meter with direct insertion up to 100 A.

Serial output RS485 Modbus

Accuracy Class 1

Measurements of Voltage; Current; Active, Reactive and Apparent Power; Energy and Power Factor.

Accounting for time bands

Light impulsive output 1000 imp/1kW

Power supply directly from the electricity grid



Technical Data Sheet

POWER SUPPLY	230 V AC
COSUMPTION	≤8VA ≤0.4Wh
CURRENT ENTRIES	Standard direct 10 A, max 100 A
MINIMUM MEASURABLE CURRENT	0,004 I
AVAILABLE MEASUREMENTS	Voltage, Current, active, reactive, apparent Power, Power Factor, Energy
SERIAL OUTPUT	RS485 Modbus RTU
BAUDRATE RS485	From 1200...9600 configurable (default 9600)
IMPULSIVE OUTPUT K	Led, 1000 impulse/kWh (duration 90ms)
WORKING TEMPERATURE	-20°C...65°C
DISPLAY	5+1 digit : 99999,9 kWh
MODULE DIMENSION	Assembly for DIN rail 44,6x72x18,2mm
PROTECTION DEGREE	IP51
HUMIDITY	10...90% non-condensating
WEIGHT	100 gr
STANDARD	IEC62052-11, IEC62053-21
DEVICE CONFIGURATION	By means of free Software downloaded from our website