

SINGLE PHASE POWER METER - DIRECT CONNECTION

RS485 Modbus

QC-PM485



Single Phase Power Meter for direct connection up to 100 A.

Serial output RS485 Modbus

Class 1 Accuracy

Measure available : V_{RMS} , I_{RMS} , Active Power, Reactive Power, Apparent Power, Power Factor, Energy

Metering for time slots

Light pulse output 1000 imp/1kW

Power supply from the network

	QC-PM485
POWER SUPPLY	230 V AC (from measurement input)
ABSORPTION	$\leq 8VA$ $\leq 0.4Wh$
CURRENT INPUT	Direct connection, 10 A typical, max 100 A
MINIMUM CURRENT MEASUREMENT	0,004 I_b
AVAILABLE MEASUREMENT :	V_{RMS} , I_{RMS} , Active Power, Reactive Power, Apparent Power, Power Factor, Energy
SERIAL OUTPUT	RS485 Modbus RTU
BAUDRATE RS485	from 1200 up to 9600 configurable (default 9600)
PULSE OUTPUT K	Led, 1000 pulse/kWh (length 90ms)
WORKING TEMPERATURE	-20°C...65°C
DISPLAY	5+1 digit : 99999,9 kWh
DIMENSIONS	DIN RAIL mounting 44,6x72x18,2mm
PROTECTION DEGREE	IP51
HUMIDITY	10...90% not condensing
WEIGHT	100 gr
STANDARDS	IEC62052-11, IEC62053-21
CONFIGURATION	free configuration Software available on our website

