212-WS4C-23P23

CIRWATT B 212-WS4C-23P23

Code: QP102 **DESCATALOGADO**

> Energy meter
> Discon. relay: Yes
> Interruptor corteCutoff switch: 1
> Communications: RFID
> Class (Active/Reactive): 1 / 2
> System: Single-phase
> Measurement Range (V): 110 ... 260
> Measurement Range (A): 10 (60)
> Quadrants: 4
> Frequency (Hz): 50 / 60

Description

The **CIRWATT B102** invoicing meter is a single-phase meter for residential use. It is IEC certified to invoice electricity to end users. It features Class-1 accuracy for active energy, Class-2 for reactive energy, and up to 3 programmable tariffs, with RS-485 communications and optical communications via the front port.
The meter has a load profile with more than 400 days of data, 12 end-of-billing periods and the option to record any tampering or fraud in a special event and service quality file.
For easier reading, these meters have a backlit display that makes it easy to see the electricity consumption in places with low lighting.

Application

Official electricity meter via on-screen verification or by data download via optical port.

By using an RS-485 communications port, which allows connecting up to 32 meters to the same bus, and remotely downloaded using a GSM/3G modem or IP router.

The device has, depending on the version, a digital input for forced tariff changes, especially designed for installations with dual supply sources, accumulating in tariff 1 the energy from the grid and in tariff 2 the power from the second source based on the status of the digital input.

Depending on the version, the meter can be integrated with LM devices via pulse output to collect pulses, which allow the energy consumption to be centralized and sent remotely to the PowerStudio data management system.

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CIRWATT B102 single-phase meter

Code: QP102

Specifications

Mechanical characteristics

Size (mm) width x height x depth	129 x 215 x 62 (mm)
Weight (kg)	62

CIRWATT B102
Single-phase energy meter

CODE	TYPE	Communications	Impulse output	Class (Active/Reactive)	Measurement Range (V)	Measurement Range (A)	Quadrants	Entrada cambio tarifa
QP102	212-WS4C-23P23							
CIRWATT B102								
QBM83	212-ES7A-21B20	RS-485 (IEC 62056-21)	1	B (1) / 2	230	5 (65)	Abs.	0
QBM85	212-ES7A-23B20	RS-485 (IEC 62056-21)	0	B (1) / 2	230	5 (65)	Abs.	0
QBM87	212-ES7A-2EB20	RS-485 (IEC 62056-21)	0	B (1) / 2	230	5 (65)	Abs.	1
QBMD3	212-ES7A-21B20	RS-485 (Modbus/RTU)	1	B (1) / 2	230	5 (65)	Abs.	0
QBMD5	212-ES7A-23B20	RS-485 (Modbus/RTU)	0	B (1) / 2	230	5 (65)	Abs.	0
QBMD7	212-ES7A-2EB20	RS-485 (Modbus/RTU)	0	B (1) / 2	230	5 (65)	Abs.	1

These meter models are not MID certified.

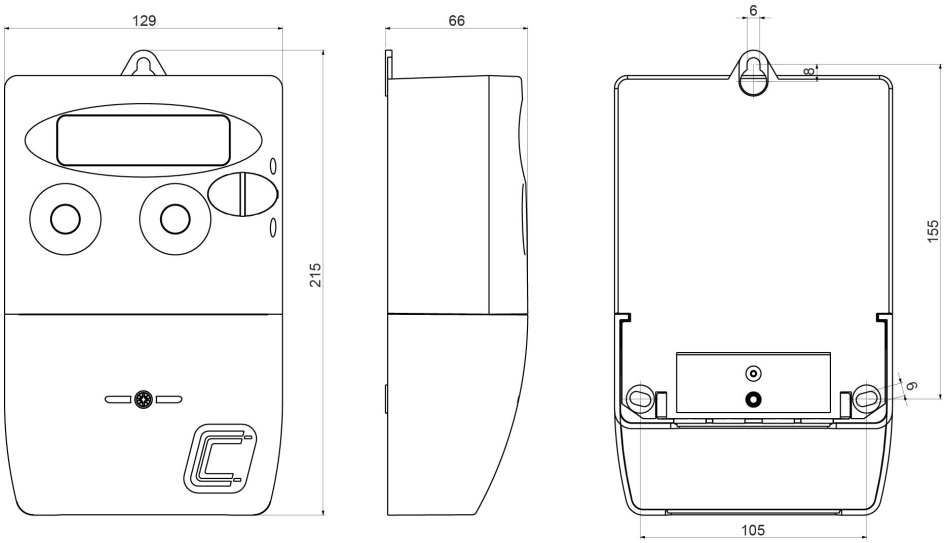
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CIRWATT B102 single-phase meter

Code: QP102

Dimensions



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