



### Eastron SDM210-DR - Summary Sheet

The Eastron SDM210-DR is a 100 Amp, DIN Rail, single phase meter. At only two modules wide, this compact unit can easily fit into consumer units, providing a neat solution for installations where space may be tight.

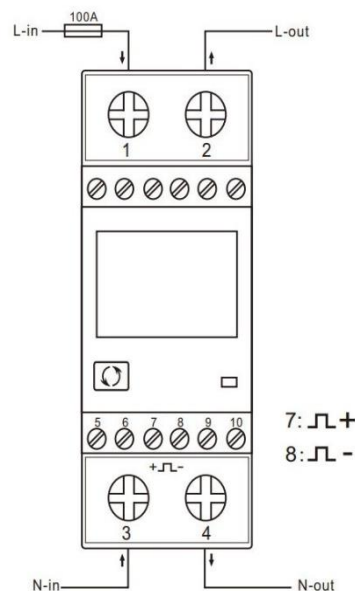
It's MID approved so suitable for billing applications and highly accurate, certified to Class B. It displays both Import & Export Energy (kWh), Import & Export Power (W), Current (I) & Voltage (V) and can be easily read with its white back lit display.

There are two Energy (kWh) registers, one shows total cumulative consumption, the second can be reset to zero, perfect for billing applications where the meter is read periodically. It also features a passive pulse output, where the constant is 1000 imp/kWh.

#### Specification

Meter Type	Single Phase
Fitting Type	DIN Rail
Max. Current (Amps)	100
MID Approved	Yes
Smart	No
Input Type	Direct Connect
Output Type	Pulse
Tariffs	Single
Import / Export	Import & Export
Accuracy Class	B (Cl. 1)
Max. Cable Size	25mm
Module Width	2
Availability	Next Day

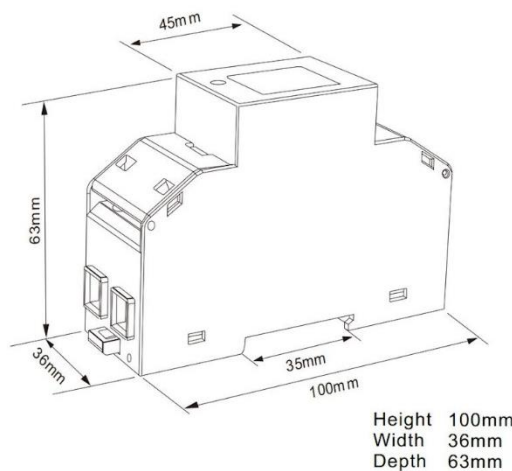
#### Wiring Diagram



#### Measured Parameters

Active Energy (kWh)	✓	Frequency (Hz)	✗
Active Power (W)	✓	Hours Run (hr)	✗
Apparent Energy (kVAh)	✗	Maximum Current (I)	✗
Apparent Power (VA)	✗	Maximum Power Demands (W)	✗
Average Current (I)	✗	Maximum Voltage (V)	✗
Average Power Demands (W)	✗	Power Factor (PF)	✗
Average Voltage (V)	✗	Reactive Energy (kVArh)	✗
Current (I)	✓	Reactive Power (VAr)	✗
Current in Neutral (I)	✗	Voltage (V)	✓

#### Dimensions



Web: [www.spwales.com](http://www.spwales.com) | Email: [sales@spwales.com](mailto:sales@spwales.com) | Phone: 01803 295430 | Fax: 01803 212819

While Stephen P Wales Ltd has made every reasonable effort to ensure the accuracy of this information, Stephen P Wales Ltd does not guarantee that it is error-free, nor does Stephen P Wales Ltd make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. Stephen P Wales Ltd reserves the right to make any adjustments to the information contained herein at any time without notice.