



S. P. Wales Ltd

Electrical Metering Specialists



Voltaris VDS21MX - Summary Sheet

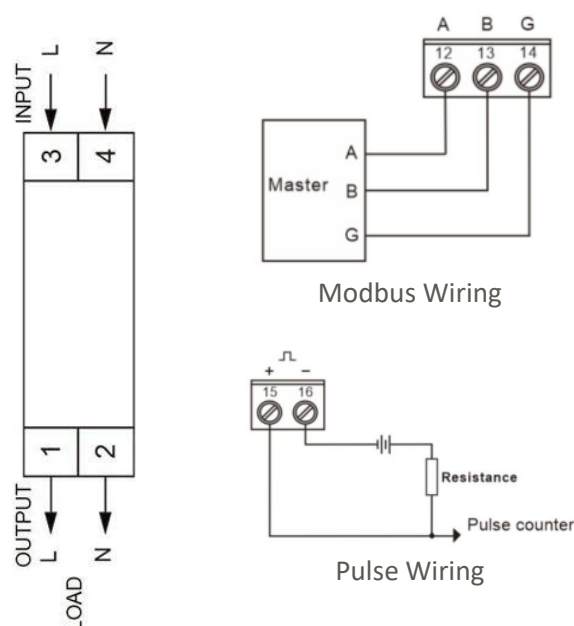
The VDS21MX from Voltaris Metering is a single phase, 100A DIN Rail energy meter. This feature rich model can measure Imported & Exported Active Energy (kWh) and Reactive Energy (kVARh) as well as a host of other common parameters, including Current (I), Active Power (W), Frequency (Hz) and Voltage (V).

This highly accurate meter, (Class C ($\pm 0.5\%$)), is MID approved, making it suitable for billing applications. It features a back lit display for easy reading, and two touch buttons can be used to scroll through parameters and to change settings. It offers a configurable pulse output as well as RS485 Modbus communication, making it suitable for integration into compatible dataloggers or building management systems.

Specification

Meter Type	Single Phase
Fitting Type	DIN Rail
Max. Current (Amps)	100
MID Approved	Yes
Smart	No
Input Type	Direct Connect
Output Type	Modbus & Pulse
Tariffs	Single
Import / Export	Import & Export
Accuracy Class	Class C ($\pm 0.5\%$)
Max. Cable Size	25mm ²
Module Width	2
Availability	Next Day

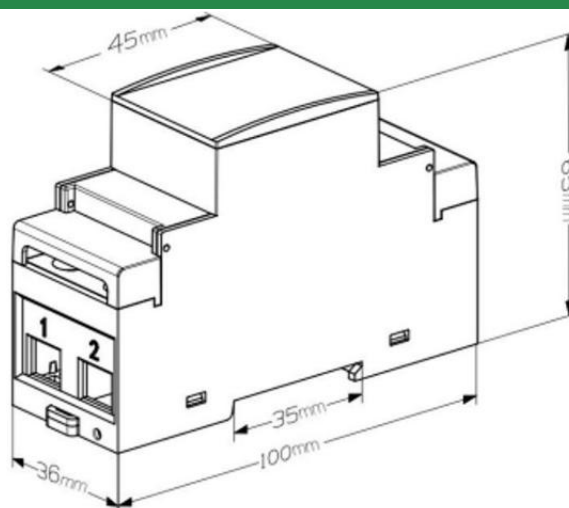
Wiring Diagram



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



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