



## Eastron SDM72D - Summary Sheet

The SDM72D is a great value 100 Amp, 3 phase, DIN rail meter. Measuring just 4 modules wide, this meter is MID approved, making it suitable for billing applications and has Class B accuracy, (equivalent to Class 1).

It displays Energy (kWh) on its easy to read back-lit 6 + 1 LCD screen making it ideal for customers who require a very simple metering solution. It also features a pulse output set at 1000imp/kWh.

The Modbus variant will output the RS485 communication protocol make it ideal for connecting to a building management system.

### Specification

Meter Type	Three Phase
Fitting Type	DIN Rail
Max. Current (Amps)	100
MID Approved	Yes
Input Type	Direct Connect
Output Type	Pulse / Modbus *
Smart	No
Tariffs	Single
Import / Export	Import & Export *
Accuracy class	B (Cl. 1)
Max. Cable Size	25 mm <sup>2</sup>
Module Width	4
Availability	Next Day *
Brand	Eastron
Country of Manufacture	China

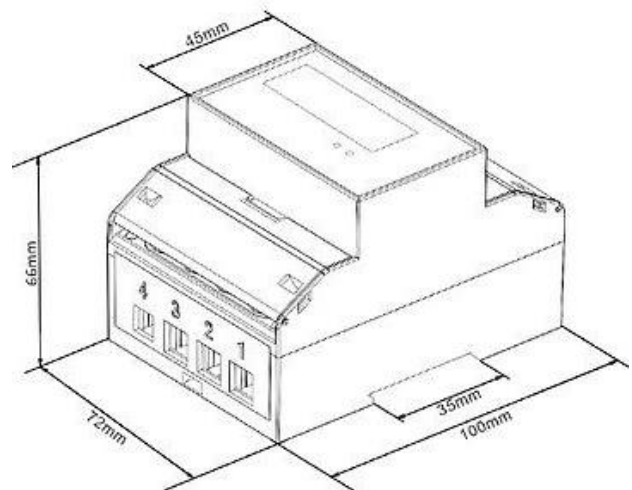
\* Dependant on model selected

### Model Variants

TPDEA72D	Pulse Output   Import Only *
TPDEA72DM	Modbus Output   Import and Export

\* Available next working day

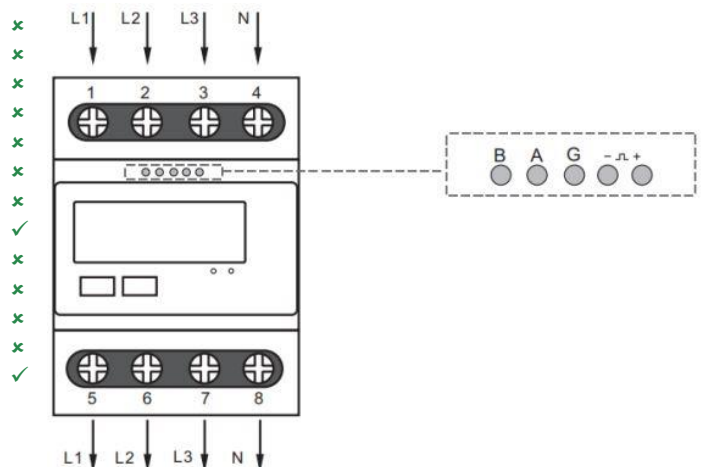
### Dimensions



### Measured Parameters

Active Energy (kWh)	✓	Line Power Factor (PF)
Active Power (W)	✓	Line Reactive Power (kVAR)
Apparent Energy (kVAh)	✗	Line to Line Voltage (V)
Apparent Power (VA)	✗	Line to Neutral Voltage (V)
Average Current (I)	✗	Maximum Current (I)
Average Power Demands (W)	✗	Maximum Power Demands (W)
Average Voltage (V)	✗	Maximum Voltage (V)
Current (I)	✓	Power Factor (PF)
Current in Neutral (I)	✗	Reactive Energy (kVARh)
Frequency (Hz)	✓	Reactive Power (VAr)
Hours Run (hr)	✗	Total Harmonic Distortion (Amps)
Line Active Power (W)	✗	Total Harmonic Distortion (Volts)
Line Apparent Power (kVA)	✗	Voltage (V)

### Wiring Diagram



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