



Eastron SDM630 - Summary Sheet

Summary

The SDM630 from Eastron is MID approved and supports a 100 Amp direct connected load. This 4-module wide DIN rail mounted meter is feature packed, flexible on installation and very price competitive.

This meter displays a broad range of power data including Active Power (W) by phase, Active and Reactive Energy (kWh & kVAh) for both Import and Export, Power Factor (PF), Frequency (Hz) and Harmonic Distortion up to the 31st harmonic for both Current & Voltage.

In addition, this meter has 2 pulse outputs for logging kWh and kVAh as well as a Modbus RS485 output, making it perfect to integrate with Building Management Systems (BMS).

N.B. This meter can be fitted into a DIN Rail enclosure. [Click here](#) to see our full range of Enclosures.

Product Code

Meter Type
Fitting Type
Max Current (Amps)
MID Approved
Smart
Input Type
Output Type
Tariffs
Import / Export
Module Width
Availability
Condition
Brand
Country of Manufacture

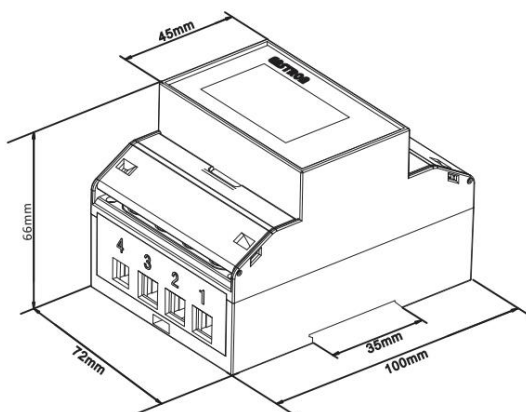
TPDEA630

Three Phase
DIN Rail
100
Yes
No
Direct Connect
RS485 Modbus & Pulse
Single
Import & Export
4
Next Day
New
Eastron
China

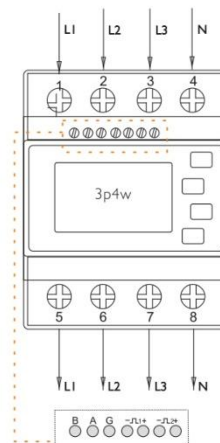
Measured Parameters

Active Energy (kWh)	✓	Line Power Factor (PF)	✓
Active Power (W)	✓	Line Reactive Power (kVAh)	✗
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 (kVAh)	✓
Frequency (Hz)	✓	Reactive Power (VAh)	✓
Hours Run (hr)	✗	Total Harmonic Distortion (Amps)	✓
Line Active Power (W)	✗	Total Harmonic Distortion (Volts)	✓
Line Apparent Power (kVA)	✗	Voltage (V)	✗
Line Current (I)	✓		

Dimensions



Wiring Diagram



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