



Eastron SDM630MCT - Summary Sheet

The SDM630MCT from Eastron is MID approved and has a 5 Amp current transformer input. 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 an Mbus output, making it perfect to integrate with Building Management Systems (BMS).

Specification

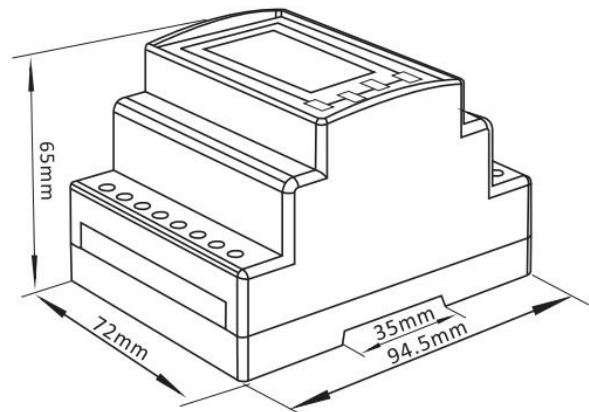
Meter Type	Three Phase
Fitting Type	DIN Rail
Max. Current (Amps)	5A / 0.333V
MID Approved	Yes *
Input Type	Direct Connect
Output Type	Modbus / Mbus *
Smart	No
Tariffs	Single
Import / Export	Import & Export *
Accuracy class	B (Cl. 1)
Max. Cable Size	2.5 mm ²
Fuse Type (Auxiliary)	1A Fast Blow
Fuse Type (Voltage Ref.)	1A Fast Blow
Module Width	4
Availability	Next Day *
Brand	Eastron
Country of Manufacture	China

* Dependant on model selected

Model Variants

TPDEA630CT	Pulse and Modbus Output – 5A
TPDEA630CTM	Pulse and Mbus Output – 5A
TPDEA630CTV	Pulse and Modbus Output – 0.333V

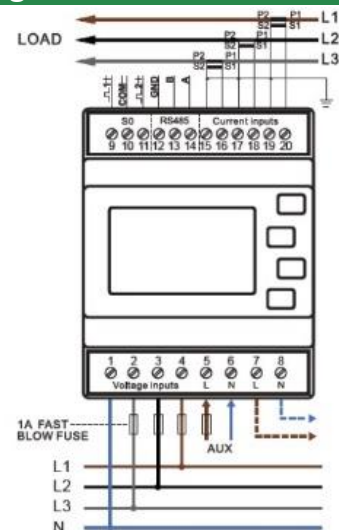
Dimensions



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)	✓		

Wiring Diagram



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