



S. P. Wales Ltd

Electrical Metering Specialists



Eastron Smart X96-5E - Summary Sheet

The Eastron Smart X96-5E is a three phase, panel mounted, CT operated electricity meter. It is MID B+D Certified for both single and three phase supplies as well as Import & Export kWh and is accurate to 1%, (Class B).

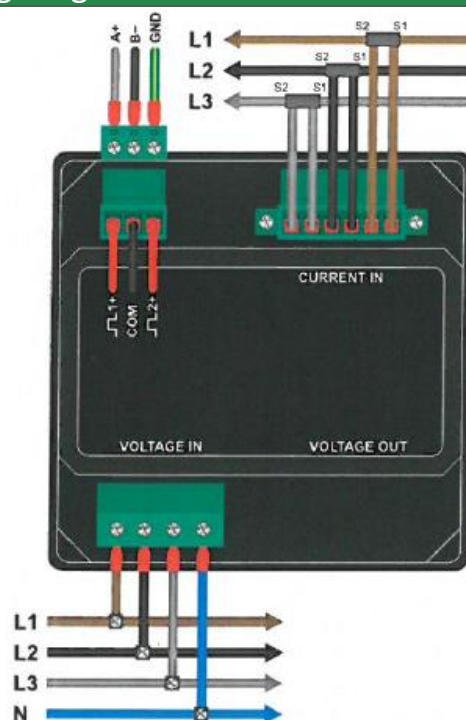
It displays a broad range of power data including Active Power (W) by phase, Power Factor (PF), Frequency (Hz) and Harmonic Distortion for both Current & Voltage. It not only records total Active and Reactive Energy (kWh & kVAh) for both Import and Export, but in contrast to most three phase meters, it also displays energy consumption per phase.

In addition, this meter has 2 pulse outputs for logging kWh and kVAh as well as a Modbus RS485 output, ideal for integrating with Building Management Systems (BMS) or remote monitoring systems.

Specification

Meter Type	Three Phase
Fitting Type	Panel Mounted
Max. Current (Amps)	5
MID Approved	Yes
Input Type	Current Transformer
Output Type	RS485 Modbus & Pulse
Smart	No
Tariffs	Single
Import / Export	Import & Export
Accuracy class	B (Cl. 1)
Max. Cable Size	2.5mm ²
Fuse Type (Auxiliary)	n/a
Fuse Type (Voltage Ref)	1A Fast Blow
Availability	Next Day *
Brand	Eastron
Country of Manufacture	China

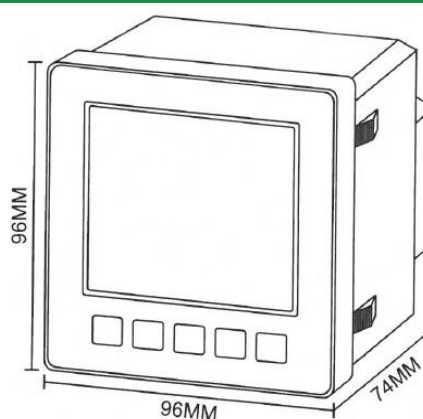
Wiring Diagram



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 (VAR)	✓
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



Web: www.spwales.com | **Email:** sales@spwales.com | **Phone:** 01803 295430 | **Fax:** 01803 212819

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