SmartRail X835CT - Summary Sheet

Summary

The Smart Rail range of meters has been introduced to the UK market by Smart Process and has made quite an impact. Manufactured in China by Eastron, (previously branded as Eastron SDM), they are feature packed, flexible on installation and very price competitive.

The X835CT is a 4 module wide, CT operated, DIN Rail mounted electricity meter which also has a programmable VT/PT input.

This meter displays a broad range of power data including Active Power (W) by phase, Active and Reactive Energy (kWh & kVArh) 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 kVArh as well as a Modbus RS485 output, making it perfect to integrate with Building Management Systems (BMS).

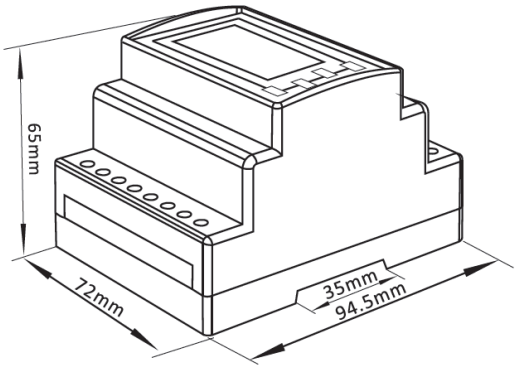
N.B. This meter can be pre-wired into a DIN-Rail enclosure. Click here to see our full range of Enclosures, or click here to find out more about our Pre-Wiring Service.

Product Code	**TPDSP835CT**
Meter Type	**Three Phase**
Fitting Type	**DIN Rail**
Max Current (Amps)	**5**
MID Approved	**Yes**
Smart	**No**
Input Type	**Current Transformer**
Output Type	**RS485 Modbus & Pulse**
Tariffs	**Single**
Import / Export	**Import & Export**
Module Width	**4**
Availability	**Next Day**
Condition	**New**
Brand	**Smart Process**
Country of Manufacture	**China**

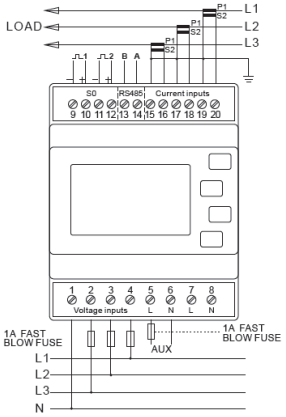
Measured Parameters

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)	×
Line Current (I)	✓		

Dimensions



Wiring Diagram



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