



Socomec Diris A20 - Summary Sheet

Summary

The DIRIS A20 is a cost-effective panel mounted electricity meter which delivers all the measurements required for successfully carrying out energy efficiency projects and ensuring the electrical distribution is monitored. Active energy is measured to class 0.5S.

The large range of data on offer includes, Line to Line and Line to Neutral Current (I), instantaneous Voltage (V) and Frequency (Hz). It records Active, Apparent and Reactive Power and maximum averages for these values.

Instantaneous Power Factor, Active and Reactive Energy as well as Hours Run are also displayed. Finally, it measures Total Harmonic Distortion to the 51st harmonic for both current and volts.

The A20 can be supplied with communication modules so that it can export data for remote analysis using Socomec's VERTELIS software solution.

N.B. This meter can be pre-wired into an enclosure. [Click here](#) to see our full range of Enclosures, or [click here](#) to find out more about our Pre-Wiring Service.

Product Code

TPPSOA20

Meter Type
Fitting Type
Max Current (Amps)
MID Approved
Smart
Input Type
Output Type

Three Phase
Panel Mount
5
No
No
Current Transformer
RS485 Modbus & Pulse
(optional extras)

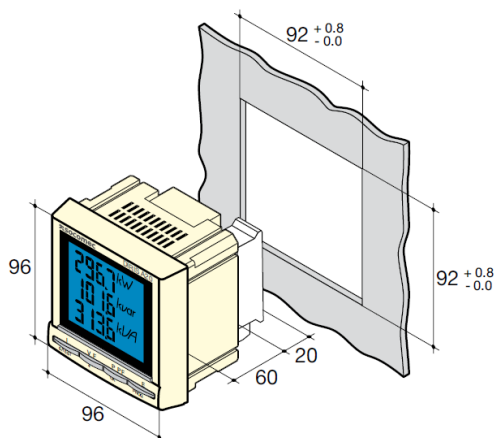
Tariffs
Import / Export
Availability
Condition
Brand
Country of Manufacture

Single
Import Only
Next Day
New
Socomec
France

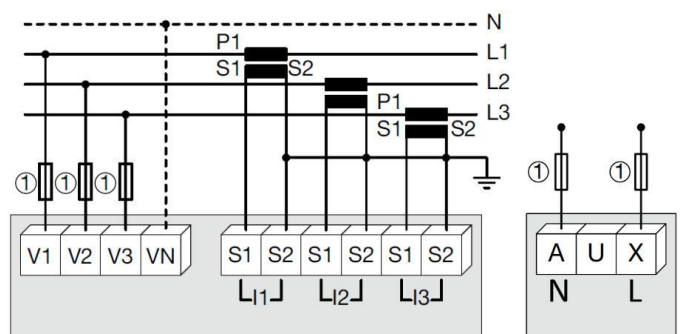
Measured Parameters

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 (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



Wiring Diagram



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