Socomec Diris A40 - Summary Sheet

Summary

The DIRIS A40 is a cost-effective panel mounted electricity meter which delivers access to 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 A40 offers a larger range of data to the user than the A20. These features include Predictive Power data and Individual Harmonics up to the 63rd level. It also displays load curves for Active and Reactive Power, Line Voltages and Frequency.

The A40 can be supplied with communication modules so that it can export data for remote analysis using Socomec's VERTELIS software solution.

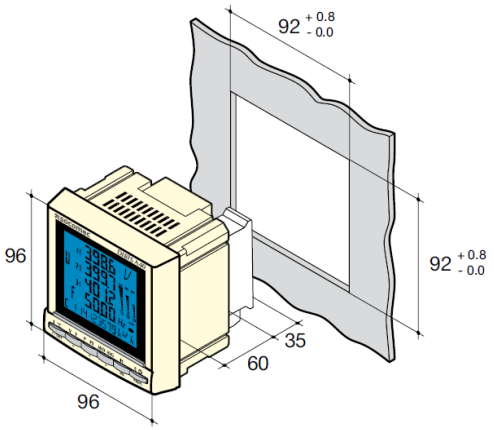
N.B. This meter can be pre-wired into an enclosure. Click here to see our full range of Enclosures, or click here to find out more about our Pre-Wiring Service.

Product Code	**TPNA40**
Meter Type	**Three Phase**
Fitting Type	**Panel Mount**
Max Current (Amps)	**5**
MID Approved	**No**
Smart	**No**
Input Type	**Current Transformer**
Output Type	**RS485 Modbus & Pulse (optional extras)**
Tariffs	**Single**
Import / Export	**Import Only**
Availability	**Next Day**
Condition	**New**
Brand	**Socomec**
Country of Manufacture	**France**

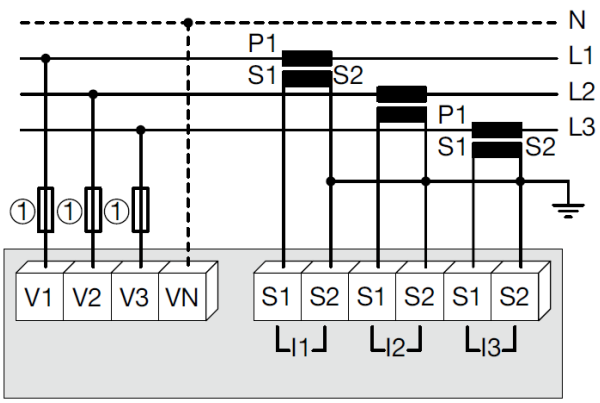
Measured Parameters

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 (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



1. Fuses 0.5 A gG / 0.5 A class CC.

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