



# 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.

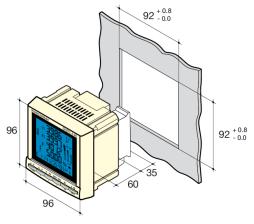
N.B. This meter can be pre-wired into an enclosure. Click here to see our full range of Enclosures, or click here to find out more about our Pre-Wiring Service.

## Product Code

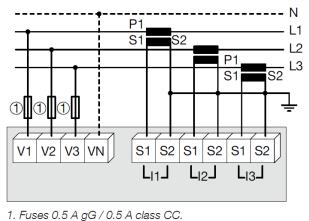
Product Code		IPNA40	
Meter Type		Three Phase	
Fitting Type		Panel Mount	
		5	
Max Current (Amps)		-	
MID Approved		No	
Smart		No	
Input Type		Current Transformer	
Output Type		RS485 Modbus & Pulse	
		(optional extras)	
<b>—</b> . :((,		•••	
Tariffs		Single	
Import / Export		Import Only	
Availability		Next Day	
Condition		New	
Brand		Socomec	
Country of Manufacture		France	
Measured Parameters			
Active Energy (kWh)	✓	Line Power Factor (PF)	×
Active Power (W)	$\checkmark$	Line Reactive Power (kVAr)	×
Apparent Energy (kVAh)	$\checkmark$	Line to Line Voltage (V)	$\checkmark$
Apparent Power (VA)	×	Line to Neutral Voltage (V)	✓
Average Current (I)	×	Maximum Current (I)	$\checkmark$
Average Power Demands (W)	~	Maximum Power Demands (W)	1
Average Voltage (V)	$\checkmark$	Maximum Power Demands (W) Maximum Voltage (V)	$\checkmark$
Average Voltage (V) Current (I)	√ ×	Maximum Power Demands (W) Maximum Voltage (V) Power Factor (PF)	✓ ✓
Average Voltage (V) Current (I) Current in Neutral (I)	√ × √	Maximum Power Demands (W) Maximum Voltage (V) Power Factor (PF) Reactive Energy (kVArh)	✓ ✓ ✓
Average Voltage (V) Current (I) Current in Neutral (I) Frequency (Hz)	✓ × ✓	Maximum Power Demands (W) Maximum Voltage (V) Power Factor (PF) Reactive Energy (kVArh) Reactive Power (VAr)	✓ ✓ ✓
Average Voltage (V) Current (I) Current in Neutral (I) Frequency (Hz) Hours Run (hr)	<ul><li>✓ ×</li><li>✓ ✓</li></ul>	Maximum Power Demands (W) Maximum Voltage (V) Power Factor (PF) Reactive Energy (kVArh) Reactive Power (VAr) Total Harmonic Distortion (Amps)	<ul> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> </ul>
Average Voltage (V) Current (I) Current in Neutral (I) Frequency (Hz) Hours Run (hr) Line Active Power (W)	√ × √ √ ×	Maximum Power Demands (W) Maximum Voltage (V) Power Factor (PF) Reactive Energy (kVArh) Reactive Power (VAr) Total Harmonic Distortion (Amps) Total Harmonic Distortion (Volts)	$ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
Average Voltage (V) Current (I) Current in Neutral (I) Frequency (Hz) Hours Run (hr)	<ul><li>✓ ×</li><li>✓ ✓</li></ul>	Maximum Power Demands (W) Maximum Voltage (V) Power Factor (PF) Reactive Energy (kVArh) Reactive Power (VAr) Total Harmonic Distortion (Amps)	<ul> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> </ul>

ΤΡΝΔΔΟ

### **Dimensions**



## Wiring Diagram



Web: www.spwales.com | Email: sales@spwales.com | Phone: 01803 295430 | Fax: 01803 212819 While Stephen P Wales Ltd has made every reasonable effort to ensure the accuracy of this information, Stephen P Wales Ltd does not guarantee that it is errorfree, nor does Stephen P Wales Ltd make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. Stephen P Wales Ltd reserves the right to make any adjustments to the information contained herein at any time without notice.