



# DIRIS A14

PMD multifunction measuring meter  
MID certification




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MID BI-DIRECTIONAL  
FOUR QUADRANTS  
MULTI-MEASUREMENT  
LOAD CURVE  
COMPLIANT WITH IEC 61557-12  
DETECTION OF CONNECTION  
ERRORS

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Energy efficiency is a major concern for both consumers and producers of electrical power.

The DIRIS A14 meter helps reduce energy consumption by combining the functions of a multi-measurement device with a four-quadrant energy meter that is fully compliant with the MID directive. With its Modbus communication protocol, the DIRIS A14 can monitor the electrical network as well as display and log consumption via load curves for more detailed analysis.

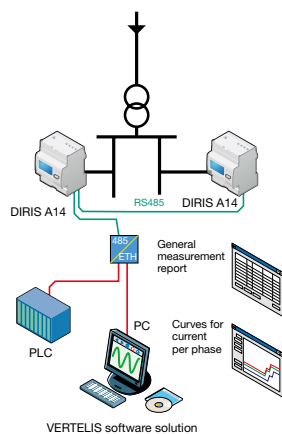
 **socomec**  
Innovative Power Solutions

# DIRIS A14

PMD multifunction measuring meter - MID certification

## Advantages

- **Bi-directional MID meter**  
For your sub-billing requirements, choose the Socomec multifunction meters with MID certification.
- **Four-quadrant metering**  
This function is for metering forward flow (energy produced) and reverse flow (energy consumed).
- **Multi-measurement and load curve**  
Display of electrical values (I, U, V,  $\Sigma P$ ,  $\Sigma Q$ ,  $\Sigma S$ , PF) and load curve.
- **Compliant with IEC 61557-12**  
IEC 61557 - 12 is a high-level standard covering all PMDs (Performance Monitoring Devices). Compliance with this standard represents a very high level of equipment performance.
- **Detection of connection errors**  
The product is protected against phase/neutral inversion.



DIRIS 907 A

## For more information

To see the complete DIRIS A range please visit our website:  
[http://www.socomec.com/single-circuit-multifunction-meters\\_en.html](http://www.socomec.com/single-circuit-multifunction-meters_en.html)



## The solution for

- Industry
- Infrastructures
- Data centre



SITE 321 A

## Functions

- **Multi-measurement**
  - Current, voltage, power, power factor
  - Harmonic analysis
- **Metering (total and partial readings)**
  - Active energy: +kWh, -kWh
  - Reactive energy: +kvarh, -kvarh
- **Event log**
  - Active energy consumption day n-1/ week n-1/month n-1
  - Active power load curve
- **Communication**
  - RS485
  - Modbus

## Conformity to standards

IEC 61557-12  
IEC 62053-23 class 2  
EN 50470 Class C  
EN 50470-1

## Also available

- VERTELIS SUITE software packages:
- Monitor your electrical network; **WEBVIEW POWER MONITORING**
  - Monitor your electrical network and display your energy consumption; **WEBVIEW POWER & ENERGY MONITORING**
  - Monitor your electrical network, display your energy consumption and export the results; **HYPERVIEW**



SOFT 027 A

## DIRIS A14

Product description	References
DIRIS A14 with RS485 modbus communication	4825 0020
Panel mounting kit	4825 0070

## HEAD OFFICE

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## YOUR DISTRIBUTOR

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