

48250501

## Multifunction meter DIRIS A-40 ethernet com. + RS485 MODBUS gateway I/O 3/2



### Strong points

- Assisted configuration
- Facilitated integration
- Connected to the Cloud
- Compliant with IEC 61557-12

### General characteristics

- Assisted configuration.
- Connected to the Cloud.
- Compliant with IEC 61557-12.
- Smart sensors.

### Compliance with standards

- IEC 61557-12
- EN 50160
- UL61010 E257746

### Link to the reference

<https://apac.socomec.com/en/reference/48250501>

The DIRIS A-40 is a door-mounted power monitoring device (PMD) in 96 x 96 format. It is intended for the measurement, monitoring and management of electrical energy.

The DIRIS A-40 provides numerous functions for measuring voltage, current, power, energy and quality.

It allows the analysis of a single-phase or three-phase load.

### System

Fill rate E-Order Common	29
Fill rate E-Order Selection	100

### Classification

UNSPSC	83101808
ETIM Class	EC002301
IGCC	6042

### Commerce

Effective date	2017-03-23
Country of origin	FR
Discount Policy	1EM10
Discount Policy Label	MONITORING DEVICES

### ETIM - Electrical characteristics

Accuracy class active energy according to IEC 62053-22	0.2S
Sampling frequency [Hz]	10
Number of voltage measurement inputs	5
Number of current measurement inputs	3
Voltage type (supply voltage)	AC/DC
Supply voltage DC [V]	120..120
Measuring range for frequency [Hz]	45..65
Number of analogue outputs	2
Number of digital inputs	3
Number of Ethernet-connections	1
Supporting protocol for PROFIBUS	No
Supporting protocol for Modbus	Yes
Supporting protocol for other bus systems	No
Web server with HTTPS transfer protocol	Yes

### ETIM - Mechanical characteristics

Width [mm]	98
Height [mm]	98
Depth [mm]	85

### ETIM - Technical features

Ampere meter	Yes
Blind power meter	Yes
With rotational speed meter	No
Frequency meter	Yes
Pulse counter	Yes
Voltmeter	Yes
Effective power measurement device	Yes
Display	LCD

Remote display	No
<b>Logistics</b>	
GTIN/EAN	3596033009136
Customs number	9030320000
Price unit	PC
Weight of the packing unit	0.41
Length of the packing unit	0.11
Width of the packing unit	0.11
Depth of the packing unit	0.12
<b>Norms</b>	
Conformity to standards	IEC UL
<b>Technical Characteristics</b>	
Application	Analysis
Communication ports	RS485 + Ethernet
Communication protocols	Modbus
Model	A40
Type	3 inputs/2 outputs