

48250500

Multifunction meter DIRIS A-40 RS485 MODBUS 3 inputs/2 outputs



Strong points

- Assisted configuration
- Integration made easy
- Connected to the Cloud
- IEC 61557-12 compliant

Compliance with standards

- IEC 61557-12
- EN 50160
- UL61010 E257746

Access to resources (ex: manuals)



<https://www.socomec.co.uk/en-gb/reference/48250500>

The DIRIS A-40 is a performance monitoring device (PMD) in a 96 x96 format for door mounting. It is designed for measuring, monitoring and managing electrical energy.

The DIRIS A-40 offers a range of functions for measuring voltage, current, power, energy and quality. It enables analysis of a single-phase or three-phase load.

Technical Characteristics

Application	Analysis
Communication ports	RS485
Communication protocols	Modbus
Model	A40
Type	3 inputs/2 outputs

Classification

UNSPSC	83101808
ETIM Class	EC002301
IGCC	6042

Commerce

Description	DIRIS A-40 3 inputs/2 outputs with Modbus communication protocols / RS485 communication ports door-mounted power monitoring device in 96 x 96 format, analysis of a single-phase or three-phase load
Effective date	2017-03-23
Offer Life Cycle Code	40
Country of origin	FR

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..300
Measuring range for frequency [Hz]	45..65
Number of digital inputs	3
Number of digital outputs	2
Supporting protocol for PROFIBUS	No
Supporting protocol for Modbus	Yes
Supporting protocol for other bus systems	No
Web server with HTTPS transfer protocol	No

ETIM - Mechanical characteristics

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

ETIM - Technical features

Ampere meter	Yes
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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
Logistics	
GTIN/EAN	3596033009129
Customs number	9030320000
Price unit	PC
Weight of the packing unit [kg]	0.2
Length of the packing unit [m]	0.11
Width of the packing unit [m]	0.12
Depth of the packing unit [m]	0.11
Norms	
Conformity to standards	IEC UL