48250500

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



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.

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

Link to the reference

https://emea.socomec.com/en/reference/48250500

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

Environmental impact

Carbon footprint - Lifecycle total [kg CO_2 eq.]	Input string was not in a correct format.
Carbon footprint - Manufacturing [A1-A3] [kg CO_2 eq.]	57
Use scenario	10 years / European mix

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
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

Technical Characteristics

Height [mm]	98
Width [mm]	98
Depth [mm]	85
Application	Analysis
Communication ports	RS485
Communication protocols	Modbus
Model	A40
Type	3 inputs/2 outputs