

48250500

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



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

Access to resources (ex: manuals)

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.

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

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..120
Measuring range for frequency [Hz]	45..65
Number of digital inputs	3
Number of digital outputs	2
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	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