48250502

Multifunction meter DIRIS A-40 Sub D9 PROFIBUS DP I/O:3/2



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/48250502

Classification

UNSPSC	83101808
ETIM Class	EC002301
IGCC	6042

Commerce

Description	DIRIS A-40 3 inputs/2 outputs with Profibus communication protocols / Profibus DP 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.]	213
Carbon footprint - Manufacturing [A1-A3] [kg CO_2 eq.]	62
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 analogue outputs	2
Number of digital inputs	3
Supporting protocol for PROFIBUS	Yes
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	3596033009143
Customs number	9030310090
Price unit	PC
Weight of the packing unit [kg]	0.425
Length of the packing unit [m]	0.1
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	Profibus DP
Communication protocols	Profibus
Model	A40
Type	3 inputs/2 outputs