

**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

### 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 + Ethernet   |
| 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 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 [kg]    | 0.41          |
| Length of the packing unit [m]     | 0.11          |
| Width of the packing unit [m]      | 0.11          |
| Depth of the packing unit [m]      | 0.12          |
| <b>Norms</b>                       |               |
| Conformity to standards            | IEC<br/>UL    |