

48290131

Current module DIRIS Digiware I-45, 4 current inputs, 2DI/2DO, Analysis



Strong points

- Multi-circuit
- Accurate
- Compact
- Plug & Play
- Leading edge technology
- MID certified (for I-xxMID versions)

General characteristics

- Versions with 3, 4 or 6 RJ12 current inputs.
- Compatible with TE, TR/iTR and TF current sensors.
- DIN rail assembly.

Compliance with standards

- IEC 61557-12
- UL 61010 Guide PICQ File E257746
- ANSI C12.20
- EN 50470-1
- EN 50770-3
- Directive 2014/32/EU

Access to resources (ex: manuals)

DIRIS Digiware Iac modules measure consumption and monitor the installation as close as possible to loads. Their flexibility allows you to distribute the loads to meter or monitor independent current inputs (for example: 1 three-phase load or 3 single-phase loads).

Technical Characteristics

| | |
|--------------------------|----------------------------|
| Application | Analysis |
| Model | I-45 |
| Number of current inputs | 4 |
| Type | Current acquisition module |
| MID Certification | No |

Classification

| | |
|------------|----------|
| UNSPSC | 83101808 |
| ETIM Class | EC002301 |
| IGCC | 6042 |

Commerce

| | |
|-----------------------|------------|
| Effective date | 2014-01-23 |
| Offer Life Cycle Code | 40 |
| Country of origin | FR |

Environmental Sustainability

| | |
|---|--------------------------|
| PEP Filename | SOCO-00091-V01.01-EN.pdf |
| Climate change - Total - Cradle to Grave [kg CO ₂ eq.] | 55 |
| Climate change - Total - Cradle to Gate [kg CO ₂ eq.] | 15 |

ETIM - Electrical characteristics

| | |
|--|------------|
| Sampling frequency [Hz] | 10000 |
| Number of current measurement inputs | 4 |
| Voltage type (supply voltage) | DC |
| Supply voltage DC [V] | 0.24..0.24 |
| Display resolution (horizontal) [px] | 350 |
| Display resolution (vertical) [px] | 160 |
| Number of digital inputs | 2 |
| Number of digital outputs | 2 |
| Supporting protocol for IEC 61850 Ethernet | No |
| Supporting protocol for OPC UA PubSub | No |
| Supporting protocol for PROFIBUS | No |
| Supporting protocol for Modbus | Yes |
| Supporting protocol for PROFINET IO | No |
| Supporting protocol for other bus systems | No |
| With audit logging (audit log) | No |
| With firmware signature | Yes |
| With logging of security events (security event log) | Yes |
| With Role Based Access Control (RBAC) | No |
| Web server with HTTPS transfer protocol | No |

ETIM - Mechanical characteristics

| | |
|---------------------------------------|---------------|
| Width [mm] | 27 |
| Height [mm] | 150 |
| Depth [mm] | 72 |
| Degree of protection (IP), front side | IP20 |
| ETIM - Technical features | |
| Ampere meter | Yes |
| Blind power meter | Yes |
| With rotational speed meter | No |
| Frequency meter | No |
| Pulse counter | No |
| Voltmeter | No |
| Effective power measurement device | Yes |
| Remote display | Yes |
| Logistics | |
| GTIN/EAN | 3596032783860 |
| Customs number | 9030337000 |
| Price unit | PC |
| Weight of the packing unit [kg] | 0.18 |
| Length of the packing unit [m] | 0.165 |
| Width of the packing unit [m] | 0.065 |
| Depth of the packing unit [m] | 0.055 |
| Norms | |
| Conformity to standards | IEC UL |