# 48290112

# Current module DIRIS Digiware I-60, 6 inputs Metering



DIRIS Digiware Iac modules measure consumption and monitor the system at the closest point to the loads. The flexibility of these modules enables you to allocate the loads to be measured or to monitor independent current inputs (for example: 1 three-phase load or 3 single-phase loads).

## Strong points

- Multi-circuit
- Accurate
- Compact
- Plug & Play
- Cutting-edge technology
- MID certified and much more

## General characteristics

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

## 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

## Link to the reference

https://emea.socomec.com/en/reference/48290112

## Classification

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

## Commerce

| | |
|---|---|
| Description | Current acquisition module DIRIS Digiware I-60 with iTR sensors 6 current inputs for metering application, DIN-rail mounted, they measure and monitor electrical parameters such as powers |
| Effective date | 2014-01-23 |
| Offer Life Cycle Code | 40 |
| Country of origin | TN |

## Environmental impact

| | |
|---|---|
| Carbon footprint - Lifecycle total [kg $CO_2$ eq.] | 38 |
| Carbon footprint - Manufacturing [A1-A3] [kg $CO_2$ eq.] | 13 |
| PEP Filename | SOCO-00091-V01.01-EN.pdf |

## ETIM - Electrical characteristics

| | |
|---|---|
| Sampling frequency [Hz] | 10000 |
| Number of current measurement inputs | 6 |
| Voltage type (supply voltage) | DC |
| Supply voltage DC [V] | 0..24 |
| 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] | 36 |
| Height [mm] | 90 |
| Depth [mm] | 65 |
| 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 | No |

## Logistics

| | |
|---|---|
| GTIN/EAN | 3596032783853 |
| Customs number | 9030337000 |
| Price unit | PC |
| Weight of the packing unit [kg] | 0.112 |
| Length of the packing unit [m] | 0.045 |
| Width of the packing unit [m] | 0.08 |
| Depth of the packing unit [m] | 0.13 |

## Materials and substances

| | |
|---|---|
| EU REACH | Does not contain SVHC |
| EU RoHS | Compliant |

## Norms

| | |
|---|---|
| Conformity to standards | IEC<br>UL |

## Technical Characteristics

| | |
|---|---|
| Height [mm] | 90 |
| Width [mm] | 36 |
| Depth [mm] | 65 |
| Application | Metering |
| Model | I-60 |
| Number of current inputs | 6 |
| Type | Current acquisition module |
| MID Certification | No |