

48290114

Residual Current & Power Monitoring module DIRIS Digiware R-60, 6 current inputs



Strong points

- 2 in 1
- Multi-circuit
- Plug & Play solution
- Smart alarming
- Patented innovation

General characteristics

- Combines residual current and power monitoring.
- 6 RJ12 channels, each with an alarm LED indication.
- Compatible with ?IC residual CTs and TE/TR/ITR/TF current sensors.

Compliance with standards

- IEC 62020
- IEC 61557-12

Access to resources (ex: manuals)

<https://www.socomec.co.uk/en-gb/reference/48290114>

DIRIS Digiware R-60 modules combine residual current monitoring (RCM) with power metering and monitoring functions, for any combination of 1-phase, 2-phase or 3-phase circuits used in TN-S and TT earthing systems. With six RJ 12 channels, they can be connected to a mix of ?IC residual CTs and TE/TR/iTR/TF current sensors via RJ12 cables enabling quick connection and avoiding wiring errors.

| Classification | |
|--|---------------|
| UNSPSC | 83101808 |
| ETIM Class | EC002301 |
| IGCC | 6042 |
| Commerce | |
| Effective date | 2020-09-02 |
| Country of origin | FR |
| ETIM - Electrical characteristics | |
| Sampling frequency [Hz] | 10000 |
| Number of current measurement inputs | 6 |
| Voltage type (supply voltage) | DC |
| Supply voltage DC [V] | 0..24 |
| Number of digital outputs | 1 |
| 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] | 66 |
| 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 | 3596033071669 |

| | |
|----------------------------------|--|
| Customs number | 9030900000 |
| Price unit | PC |
| Weight of the packing unit | 0.14 |
| Length of the packing unit | 0.015 |
| Width of the packing unit | 0.048 |
| Depth of the packing unit | 0.067 |
| Technical Characteristics | |
| Application | Residual and Power monitoring |
| Model | R-60 |
| Number of current inputs | 6 |
| Type | Residual Current and Load Current acquisition module |