SOCOMEC
Innovative Power Solutions

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 and more

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

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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).

https://www.socomec.co.uk/en-gb/reference/48290131

Classification

UNSPSC	83101808
ETIM Class	EC002301
IGCC	6042

Commerce

Effective date	2014-01-23
Country of origin	FR

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	0.18
Length of the packing unit	0.165
Width of the packing unit	0.065
Depth of the packing unit	0.055

Norms

Conformity to standards	IEC UL

Technical Characteristics

Application	Analysis
Model	I-45
Number of current inputs	4
Type	Current acquisition module