48290131

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



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/48290131

Classification

UNSPSC	83101808
ETIM Class	EC002301
IGCC	6042

Commerce

Description	Current acquisition module DIRIS Digiware I-45 with iTR sensors 4 current inputs and 2 digital inputs / 2 digital output for analysis 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	FR

Environmental impact

Carbon footprint - Lifecycle total [kg CO_2 eq.]	55
Carbon footprint - Manufacturing [A1-A3] [kg CO_2 eq.]	15
PEP Filename	SOCO-00091-V01.01-EN.pdf

ETIM - Electrical characteristics

Sampling frequency [Hz]	10000
Number of current measurement inputs	4
Voltage type (supply voltage)	DC
Supply voltage DC [V]	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

Materials and substances

EU REACH	Does not contain SVHC
EU RoHS	Compliant

Norms

Conformity to standards	IEC UL

Technical Characteristics

Height [mm]	150
Width [mm]	27
Depth [mm]	72
Application	Analysis
Model	I-45
Number of current inputs	4
Type	Current acquisition module
MID Certification	No