48290156

Direct Current module DIRIS Digiware I-30 3 DC current inputs Metering



DIRIS Digiware I-3xdc modules measure consumption and monitor the DC electrical installation. Several I modules can be used within the same system, enabling measurement of a large number of circuits. They are associated with DIRIS Digiware U-3xdc voltage measuring modules. Current is measured using external sensors connected by RJ12-Molex cables, available in multiple lengths. The cables are colour coded (brown, orange, white) for easy identification.
The DIRIS Digiware D display or the embedded Web server Webview can show electrical measurements from both DIRIS Digiware AC and DC systems simultaneously.

Strong points
- Multi-circuit
- Flexible
- Plug & Play
- Compact

General characteristics
- 3 RJ12 current inputs.
- DIN-rail mounted.

Compliance with standards
- IEC 61557-12
- ISO 14025
- UL E257746

Link to the reference

https://emea.socomec.com/en/reference/48290156

Classification

UNSPSC	83101808
ETIM Class	EC002301
IGCC	6042

Commerce

Description	Direct current measurement module DIRIS Digiware I-30dc with 3 current inputs for metering application, they are associated with DIRIS Digiware Udc voltage measurement module
Effective date	2018-02-01
Offer Life Cycle Code	40
Country of origin	FR

ETIM - Electrical characteristics

Sampling frequency [Hz]	10000
Number of current measurement inputs	3
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]	18
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	3596033002885
Customs number	9030900000
Price unit	PC
Weight of the packing unit [kg]	0.09
Length of the packing unit [m]	0.12
Width of the packing unit [m]	0.085
Depth of the packing unit [m]	0.033

Norms

Conformity to standards	IEC UL

Technical Characteristics

Height [mm]	90
Width [mm]	18
Depth [mm]	65
Application	Metering
Model	I-30DC
Number of current inputs	3
Type	Current acquisition module
MID Certification	No