

48290111

Current module DIRIS Digiware I-31, 3 current inputs, Metering & Load curves



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).

Strong points

- Multi-circuit
- Accurate
- Compact
- Plug & Play
- Leading edge technology
- MID certified (for I-xxMID versions)

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

Access to resources (ex: manuals)

Technical Characteristics

Application	Metering
Model	I-31
Number of current inputs	3
Type	Current acquisition module
MID Certification	No

Classification

UNSPSC	83101808
ETIM Class	EC002301
IGCC	6042

Commerce

Effective date	2014-01-23
Offer Life Cycle Code	40
Country of origin	FR

Environmental Sustainability

PEP Filename	SOCO-00091-V01.01-EN.pdf
Climate change - Total - Cradle to Grave [kg CO ₂ eq.]	26
Climate change - Total - Cradle to Gate [kg CO ₂ eq.]	7

ETIM - Electrical characteristics

Sampling frequency [Hz]	10000
Number of current measurement inputs	3
Voltage type (supply voltage)	DC
Supply voltage DC [V]	0.24..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	3596032783846
Customs number	9030337000
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]	0.08
Depth of the packing unit [m]	0.03

Norms

Conformity to standards	IEC UL
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