



48290110

General information

Product Range: DIRIS Digiware I

Long Description:

DIRIS Digiware I-30 Current; Current measurement module for DIRIS Digiware system; 3; Metering

Short Description:

DIRIS Digiware I-30 Current

Certificates and declaration

Conformity to standard #3: CEC Compliant

Conformity to standard #4: -

Proposition 65 California:

WARNING This product can expose you to chemicals including bisphenol A (BPA), which is known to the State of California to cause birth defects or reproductive harm. For more information go to : www.P65Warnings.ca.gov

Container Information

EAN13: 3596032776381

Package Level 1 Gross Weight: 0.09

Package Level 1 Length: 0.117

Package Level 1 Units: B

Package Level 1 Width: 0.08

Main

Reference: 48290110

General product characteristics

Device type: Current measurement module for DIRIS Digiware system

Ordering

Country of origin: FR

Standards and regulations**Accuracy**

ANSI C12.20: Class 0.2

PMD

IEC 61557-12: Class 0.5 for the global measurement chain

Safety

Safety standards: IEC/EN 61010-1
UL 61010-1
CAN/CSA C22.2 No. 61010-1

UL file number: E257746

Safety standard

UL product category: PICQ/PICQ7

Technical characteristics**Communication characteristics**

Communication Ports: RJ45 Digiware bus input output

USB port interface: 1 Type B micro USB; Upgrade and configuration of the module

Electrical characteristics

Device power consumption (VA): 0.52

Environnement

Relative humidity: 55 °C / 131 °F / 97% RH (IEC 60068-2-30)

Storage temperature: -25 ... +70 °C / -13 °F ... + 158 °F (IEC 60068-2-1/IEC 60068-2-2)

Environmental characteristics

Impact resistance: Front panel: 1J - casing: 1J (IEC 61010-1 Ed 3.0)

Maximum operating altitude: 6560 feet / 2000 m

Operating temperature: -10 ... +70 °C / +14 °F ... +158 °F (IEC 60068-2-1/IEC 60068-2-2)

PEP ecopassport - ISO 14025: SOCO-2014-06-v1-fr, SOCO-2014-06-v1-en

Vibration: 0.35 mm, 25 Hz, 20 min/axe (IEC 61557-12)

General characteristics

Display compatibility: DIRIS Digiware D-40
DIRIS Digiware D-50
DIRIS Digiware D-70

Webserver compatibility: WEBVIEW-M
WEBVIEW-L

Measurement characteristics

Active Energy accuracy:

Class 0.2 ANSI C12.20

Class 0.5 for the global measurement chain according to IEC 61557-12 from 2% up to 120% of the rated current (with TE/TF sensors)

Active Power accuracy:

Class 0.2 ANSI C12.20

Class 0.5 for the global measurement chain according to IEC 61557-12 from 2% up to 120% of the rated current (with TE/TF sensors)

Current measurement type:

AC

Current module input:

RJ12

External sensors association:

TE Solid Core; TR/iTR split Core; TF Flexible

General measurements:

Metering:

+/- kWh, +/- kvarh, kVAh

Multi-measurement:

I1, I2, I3, In, ΣP , ΣQ , ΣS , ΣPF

Load type:

To be configured in the module:

1P+N - 1CT

2P - 1CT

2P+N - 2CT

3P - 1CT

3P - 2CT

3P - 3CT

3P+N - 1CT

3P+N - 3CT

Measurement level:

Metering

Measurement updating period:

Configurable from 200ms to 60s

Number of current inputs:

3

Reactive Energy accuracy:

Class 2 for the global measurement chain with TE, TR or TF current sensors

Dimensions:

1 module wide (18mm)



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