



# 48290113

## General information

**Product Range:** DIRIS Digiware I

### Long Description:

DIRIS Digiware I-61 Current; Current measurement module for DIRIS Digiware system; 6; Metering + Load curves

### Short Description:

DIRIS Digiware I-61 Current

## Certificates and declaration

**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](http://www.P65Warnings.ca.gov)

## Container Information

**EAN13:** 3596032783891

**Package Level 1 Gross Weight:** 0.114

**Package Level 1 Length:** 0.125

**Package Level 1 Units:** B

**Package Level 1 Width:** 0.074

## Main

Reference:

48290113

General product characteristics
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Device type:

Current measurement module for DIRIS Digiware system

Ordering
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Country of origin:

FR

Standards and regulations
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**Accuracy**

ANSI C12.20:

Class 0.2

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**PMD**

IEC 61557-12:

Class 0.5 for the global measurement chain

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**Safety**

Safety standards:

IEC/EN 61010-1

UL 61010-1

CAN/CSA C22.2 No. 61010-1

UL file number:

E257746

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**Safety standard**

UL product category:

PICQ/PICQ7

Technical characteristics
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**Communication characteristics**

Communication Ports:

RJ45 Digiware bus input output

USB port interface:

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

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**Electrical characteristics**

Device power consumption (VA):

0.7

**Environnement**

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**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)

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**Environmental characteristics**

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**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)

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**General characteristics**

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

**Webserver compatibility:** WEBVIEW-M  
WEBVIEW-L

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## Measurement characteristics

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### 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)

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### 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)

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### Current measurement type:

AC

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### Current module input:

RJ12

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### External sensors association:

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

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### General measurements:

Metering:

+/- kWh, +/- kvarh, kVAh

Multi-tariff (8 max)

Load curves

Multi-measurement:

I1, I2, I3, In,  $\Sigma P$ ,  $\Sigma Q$ ,  $\Sigma S$ ,  $\Sigma PF$

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### 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

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### Measurement level:

Metering + Load curves

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### Measurement updating period:

Configurable from 200ms to 60s

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### Number of current inputs:

6

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### Reactive Energy accuracy:

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

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### Dimensions:

2 modules wide (36mm)

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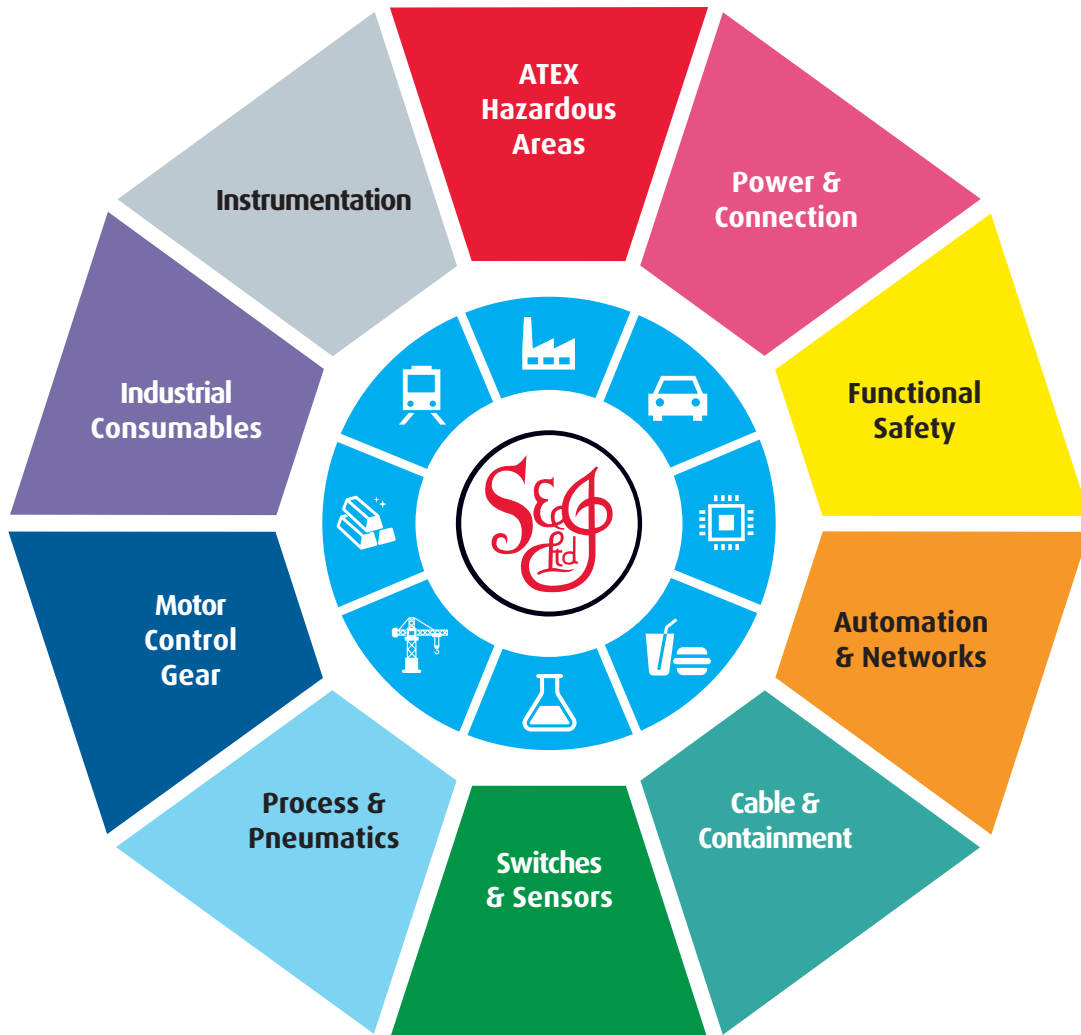
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