



# 48290112

## General information

**Product Range:** DIRIS Digiware I

### Long Description:

DIRIS Digiware I-60 Current; Current measurement module for DIRIS Digiware system; 6; Metering

### Short Description:

DIRIS Digiware I-60 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](http://www.P65Warnings.ca.gov)

## Container Information

**EAN13:** 3596032783853

**Package Level 1 Gross Weight:** 0.112

**Package Level 1 Length:** 0.126

**Package Level 1 Units:** B

**Package Level 1 Width:** 0.074

**Main**

Reference: 48290112

**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):** 0.7

---

## 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,  $\Sigma P$ ,  $\Sigma Q$ ,  $\Sigma S$ ,  $\Sigma PF$

---

### 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:

6

---

### Reactive Energy accuracy:

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

---

### Dimensions:

2 modules wide (36mm)

---



# SCATTERGOOD & JOHNSON LTD

ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

Est.1899

At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

# [www.scatts.co.uk](http://www.scatts.co.uk)