



# 48290105

## General information

**Product Range:** DIRIS Digiware U

### Long Description:

DIRIS Digiware U-10 Voltage; Voltage measurement module for DIRIS Digiware system; 87-520VAC; Metering

**Short Description:** DIRIS Digiware U-10 Voltage

## 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:** 3596032783778

**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: 48290105

**General product characteristics**

Device type: Voltage measurement module for DIRIS Digiware system

**Ordering**

Country of origin: FR

**Standards and regulations****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): 0.72

**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**

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<b>Impact resistance:</b>	Front panel: 1J - casing: 1J (IEC 61010-1 Ed 3.0)
<b>Maximum operating altitude:</b>	6560 feet / 2000 m
<b>Operating temperature:</b>	-10 ... +70 °C / +14 °F ... +158 °F (IEC 60068-2-1/IEC 60068-2-2)
<b>PEP ecopassport - ISO 14025:</b>	SOCO-2014-05-v1-fr, SOCO-2014-05-v1-en
<b>Vibration:</b>	0.35 mm, 25 Hz, 20 min/axe (IEC 61557-12)

**General characteristics**

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<b>Display compatibility:</b>	DIRIS Digiware D-40 DIRIS Digiware D-50 DIRIS Digiware D-70
<b>Webserver compatibility:</b>	WEBVIEW-M WEBVIEW-L

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## Measurement characteristics

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<b>Alarms:</b>	8 alarms with configurable thresholds (low/high)
<b>Frequency accuracy:</b>	Class 0.02
<b>Frequency range:</b>	45-65 Hz
<b>Frequency rating:</b>	50/60 Hz
<b>General measurements:</b>	Multi-measurement: V1, V2, V3, U12, U23, U31, f
<b>Measurement level:</b>	Metering
<b>Measurement updating period:</b>	Configurable from 200ms to 60s
<b>Network type:</b>	To be configured in the module: 1P+N 2P 2P+N 3P 3P+N
<b>Voltage connection:</b>	Removable screw terminal, 4 positions, AWG 10 to AWG 32 / 0.2 to 2.5 mm <sup>2</sup> stranded or solid cable
<b>Voltage measurement accuracy:</b>	Class 0.2
<b>Voltage measurement range Ph/N:</b>	50-300VAC
<b>Voltage measurement range Ph/Ph:</b>	87-520VAC
<b>Voltage measurement type:</b>	AC
<b>Voltage Sampling rate:</b>	9.6 kHz
<b>Voltage transformer primary:</b>	To be configured
<b>Voltage transformer secondary:</b>	To be configured
<b>Dimensions:</b>	1 module wide (18mm)



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