

48290151

DC voltage measurement DIRIS Digiware U-32dc 48-180VDC



Strong points

- Single voltage measurement
- Flexible
- Plug & Play

General characteristics

- Up to 180 VDC with direct connection.

Compliance with standards

- IEC 61557-12
- ISO 14025
- UL E257746

Access to resources (ex: manuals)



<https://www.socomec.co.uk/en-gb/reference/48290151>

The DIRIS Digiware U-3xdc module acquires DC voltage for the entire system. It measures up to 180 VDC with a direct connection and is therefore compatible with typical nominal voltages (24 VDC, 48 VDC etc.).

The voltage adaptors make the system compatible with all voltage levels up to 1650 VDC to meet the needs of all applications.

The RJ45 Digiware Bus transmits voltage measurements along with power supply and communication to all connected products.

Technical Characteristics

Height [mm]	90
Width [mm]	18
Depth [mm]	65
Application	Analysis
Model	U-32DC
Rated voltage	60..150 VDC
Type	DC voltage acquisition module

Classification

UNSPSC	83101808
ETIM Class	EC002301
IGCC	6042

Commerce

Description	Current acquisition module DIRIS Digiware U-32DC voltage measurement 48-180 VDC DIN-rail mounted, they measure and monitor electrical parameters such as powers
Effective date	2018-02-01
Offer Life Cycle Code	40
Country of origin	FR

ETIM - Electrical characteristics

Sampling frequency [Hz]	10000
Number of voltage measurement inputs	2
Voltage type (supply voltage)	DC
Supply voltage DC [V]	0..24
Measuring range for frequency [Hz]	45..65
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)	No
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
ETIM - Technical features	
Ampere meter	No
Blind power meter	No
With rotational speed meter	No
Frequency meter	No
Pulse counter	No
Voltmeter	Yes
Effective power measurement device	No
Display	None
Remote display	No
Logistics	
GTIN/EAN	3596033002847
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