

INDUSTRIAL COMPONENT DATA

SCK-M-I-4S-20A 2903242 PHOENIX CONTACT PV string monitoring module

Brand: PHOENIX CONTACT | Manufacturer Part Number: SCK-M-I-4S-20A



Manufacturer	PHOENIX CONTACT
MPN / Reference	SCK-M-I-4S-20A
Catalog number	2903242
Category	Current value transformer
Minimum order	1 Pcs
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Product Overview

PV string monitoring module

SCK measurement module for monitoring photovoltaic systems, 4 current measurements up to 20 A, 1 digital input, interface to the SCK communication module

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path PHOENIX CONTACT > INTERFACE Components (IF)

Additional Product Information

Key Commercial Data

Orderkey 2903242

Packing unit 1 pc

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GTIN 4046356729697

Weight per Piece (excluding packing) 240.500 g

Custom tariff number 90303330

Country of origin DE (Germany)

Note

Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

Dimensions

Width 22.5 mm

Height 102 mm

Depth 128.5 mm

Ambient conditions

Ambient temperature (operation) -20 °C ... 70 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Maximum altitude ≤ 2000 m

Input data

Input Current measuring input

Number of inputs 4

Input current range 0 A DC ... 20 A (UL: 0 A DC...25 A DC)

Overload capacity 5 x IN

Connection method Through connection, 9.5 mm diameter

Switching output

Output name No switching output

Power supply

Nominal supply voltage Via SCK-C-MODBUS

Own current consumption 43 mA (typical)

50 mA (maximum)

Connection data

Connection method Screw connection

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 2.5 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 12

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 2.5 mm²

General

Degree of pollution 2

Standards/regulations EN 61010-1

Electromagnetic compatibility Conformance with EMC directive 2004/108/EC and for low-voltage directive 2006/95/EC

Noise emission EN 61000-6-4

Noise immunity EN 61000-6-2 When being exposed to interference, there may be minimal deviations.

Conformance CE-co...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SCK-M-I-4S-20A with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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