

INDUSTRIAL COMPONENT DATA

SCK-M-I-8S-20A 2903241 PHOENIX CONTACT PV string monitoring module

Brand: PHOENIX CONTACT | Manufacturer Part Number: SCK-M-I-8S-20A



Manufacturer	PHOENIX CONTACT
MPN / Reference	SCK-M-I-8S-20A
Catalog number	2903241
Category	Current value transformer
Minimum order	1 Pcs
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Product Overview

PV string monitoring module

SCK measuring module for monitoring photovoltaic systems, 8 current measurements up to 20 A, 1 digital input, interface to the SCK communication module, interface to the voltage measuring 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 2903241

Packing unit 1 pc

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GTIN 4046356729703

Weight per Piece (excluding packing) 300.000 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 8

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-8S-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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