

INDUSTRIAL COMPONENT DATA

SCK-C-MODBUS 2901674 PHOENIX CONTACT PV string monitoring module

Brand: PHOENIX CONTACT | Manufacturer Part Number: SCK-C-MODBUS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SCK-C-MODBUS
Catalog number	2901674
Category	Fieldbus, decentr. periphery - communication module
Minimum order	1 Pcs
Document ID	EO-6EBF2E183F
Generated	2026-09-22

Product Overview

PV string monitoring module

SCK communication module, for recording up to 8 SCK measurement modules, RS-485 Modbus/RTU output

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 2901674

Packing unit 1 pc

Catalog page Page 258 (C-5-2017)

GTIN 4046356623919

Weight per Piece (excluding packing) 162.000 g

Custom tariff number 85176200

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 106 mm

Ambient conditions

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

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

Maximum altitude ≤ 2000 m

Switching output

Output name No switching output

Power supply

Nominal supply voltage 24 V DC -10 % ... +25 %

Max. current consumption 800 mA

Own current consumption 22 mA (typical)

45 mA (maximum)

Power consumption 580 mW (24 V DC)

Connection data

Connection method Screw connection

Conductor cross section solid min. 0.2 mm²Conductor 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 mm²Conductor 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.

Mounting position any

Assembly instructions Horizontal or vertical

Conformance CE-compliant

UL, USA 1741 Recognized

UL, USA/Canada 508 Listed

T...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SCK-C-MODBUS 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.