

INDUSTRIAL COMPONENT DATA

SOL-SC-4ST-0-DC-1MPPT-1001 2404296 PHOENIX CONTACT

Switching device combination

Brand: PHOENIX CONTACT | Manufacturer Part Number: SOL-SC-4ST-0-DC-1MPPT-1001



Manufacturer	PHOENIX CONTACT
MPN / Reference	SOL-SC-4ST-0-DC-1MPPT-1001
Catalog number	2404296
Category	Photovoltaic DC Stringbox
Minimum order	1 Pcs
Document ID	EO-21E2B3661B
Generated	2026-09-23

Product Overview

Switching device combination

String box for photovoltaic installations up to 1000 V DC for the connection of 1x 4 strings. With surge protection (type 1/2) and SUNCLIX DC connector for the input and output side (SUNCLIX coupling connector included in the scope of delivery).

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 > Industry Solutions (IS)
--------------	---

Additional Product Information

String combiner box for photovoltaic systems up to 1000 V DC for the connection of 1x 4 strings. With surge protection and SUNCLIX DC connector for the input and output side.

Product Description

The Solarline string combiner boxes (SCBs) are used in both small rooftop systems and large ground-mounted systems. Their functions include collecting and protecting strings and, if necessary, separating the panels from the rest of the system by means of a fire service or switch disconnectors.

Your advantages

Fast installation and startupLarge portfolio of string combiner boxes in stockApplication-oriented consultationStandard-compliant switchgear and controlgear assembly, thanks to use of DIN EN 61439Key Commercial Data

Orderkey 2404296

Packing unit 1 pc

Minimum order quantity 25 pc

Note Made to Order (non-returnable)

GTIN 4055626396217

Weight per Piece (excluding packing) 0.000 g

Custom tariff number 85363030

Country of origin DE (Germany)

Safety equipment

Surge protective device T1 / T2

Protection level Up $\leq$ 3.5 kV

Total discharge current $I_{total}(8/20)$ μ s 40 kA

Total discharge current $I_{total}(10/350)$ μ s 5 kA

Cable entry

Type of cable entry SUNCLIX

Cable cross section string input 2.5 mm² ... 6 mm²

Cable cross section output 2.5 mm² ... 6 mm²

Cable cross section grounding 16 mm² (2x)

Sealing area grounding 6 mm ... 12 mm (2x)

General data

Housing material Polycarbonate

Material cover/door Polycarbonate (transparent)

Degree of protection IP65

Protection class II

Dimensions

Outer dimen...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SOL-SC-4ST-0-DC-1MPPT-1001 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.