

**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       | 2026-09-22                 |

## 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  $I_{total}(8/20)$   $\mu$ s 40 kA

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

Cable entry

Type of cable entry SUNCLIX

Cable cross section string input 2.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>

Cable cross section output 2.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>

Cable cross section grounding 16 mm<sup>2</sup> (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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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