INDUSTRIAL COMPONENT DATA

# SOL-SC-2ST-0-DC-4MPPT-1001SE 1103205 PHOENIX CONTACT String combiner box for photovoltaic systems up to 1000..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SOL-SC-2ST-0-DC-4MPPT-1001SE**



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| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SOL-SC-2ST-0-DC-4MPPT-1001SE |
| Catalog number | 1103205 |
| Category | Photovoltaic DC Stringbox |
| Minimum order | 1 Pcs |
| Document ID | EO-6983AC123C |
| Generated | 2026-11-19 |

## Product Overview

String combiner box for photovoltaic systems up to 1000 V DC for the connection of 4x 2 strings. With surge protection and SUNCLIX DC connector for the input and output side.
String box for photovoltaic installations up to 1000 V DC for the connection of 4x 2 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

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|---|---|
| Catalog path | PHOENIX CONTACT > Industry Solutions (IS) |

## Additional Product Information

Key Commercial Data
Orderkey 1103205
Packing unit 1
GTIN 4055626963150
Custom tariff number 85363030
Drawings
Safety equipment
General data
Ambient conditions
System parameter

Cable entry
Dimensions
Classifications
Drawings
Connection diagram
Schematic application drawing
Dimensional drawing
Housing dimensions
Circuit diagram
Connection of the remote indication contact on the surge protection
Schematic diagram
Connection of the PV strings
Schematic diagram
Connection to the inverter
Schematic diagram
Connection of the protective grounding conductor
Schematic diagram
Connection of the protective equipotential bonding conductor
Back to topSystem parameter
System voltage 1000 V DC (Umax)
Number of string inputs 2 (per MPP tracker)
Current per string (max.) 20 A (Imax)
Number of outputs 1 (per MPP tracker)
Number of supported MPP trackers 4
Back to topSafety equipment
Surge protective device T1 / T2
Protection level Up <= 3.5 kV
Total discharge current Itotal(8/20) µs 40 kA
Total discharge current Itotal(10/350) µs 5 kA
Back to topCable 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 (2 x)
Sealing area grounding 6 mm ... 12 mm (2 x)
Back to topGeneral data
Material cover/door Polycarbonate (transparent)
Degree of protection IP65
Protection class II
Back to topDimensions
Outer dimensions: width, height, depth 361 mm x 254 mm x 111 mm (Housing dimensions)
Back to t...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SOL-SC-2ST-0-DC-4MPPT-1001SE 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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