

INDUSTRIAL COMPONENT DATA

SOL-SC-1ST-0-DC-2MPPT-1000SE 1101176 PHOENIX CONTACT String combiner box for photovoltaic systems up to 1000..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SOL-SC-1ST-0-DC-2MPPT-1000SE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SOL-SC-1ST-0-DC-2MPPT-1000SE
Catalog number	1101176
Category	Photovoltaic DC Stringbox
Minimum order	1 Pcs
Document ID	EO-E3BE1FCA8A
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Product Overview

String combiner box for photovoltaic systems up to 1000 V DC for the connection of 2x 1 string. With surge protection and Push-in connection for the input and output side.

String boxes for photovoltaic installations up to 1000 V DC for the connection of 2x 1 string. With surge protection (type 1/2) and cable glands for the inlet and outlet side.

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)
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Additional Product Information

Key Commercial Data

Orderkey 1101176

Packing unit 1

GTIN 4055626957821

Custom tariff number 85363030

Drawings

Safety equipment

General data

Ambient conditions

System parameter

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[Connection diagram](#)
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[Housing dimensions](#)
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[Connection of the remote indication contact on the surge protection](#)
[Schematic diagram](#)
[Connection of the PV strings, as well as connection to the inverter](#)
[Schematic diagram](#)
[Connection of the protective grounding conductor](#)
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[Connection of the protective equipotential bonding conductor](#)
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[System voltage 1000 V DC \(U_{max}\)](#)
[Number of string inputs 1 \(per MPP tracker\)](#)
[Current per string \(max.\) 40 A \(I_{max}\)](#)
[Number of outputs 1 \(per MPP tracker\)](#)
[Number of supported MPP trackers 2](#)
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[Surge protective device T1 / T2](#)
[Protection level U_p ≤ 3.5 kV](#)
[Total discharge current I_{total}\(8/20\) μs 40 kA](#)
[Total discharge current I_{total}\(10/350\) μs 5 kA](#)
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[Type of cable entry Cable gland](#)
[Cable cross section string input 2.5 mm² ... 6 mm²](#)
[Sealing area string input 3 mm ... 6.5 mm](#)
[Cable cross section output 2.5 mm² ... 6 mm²](#)
[Sealing area output 3 mm ... 6.5 mm](#)
[Cable cross section grounding 16 mm² \(2 x\)](#)
[Sealing area grounding 6 mm ... 12 mm \(2 x\)](#)
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[Material cover/door Polycarbonate \(transparent\)](#)
[Degree of protection IP65](#)
[Protection class II](#)
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[Outer dimensions:....](#)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SOL-SC-1ST-0-DC-2MPPT-1000SE 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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