

INDUSTRIAL COMPONENT DATA

SOL-SC-2ST-0-DC-1MPPT-1101UD 1140107 PHOENIX CONTACT String combiner box for photovoltaic systems up to 1000..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SOL-SC-2ST-0-DC-1MPPT-1101UD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SOL-SC-2ST-0-DC-1MPPT-1101UD
Catalog number	1140107
Category	Photovoltaic DC Stringbox
Minimum order	5 Pcs
Document ID	EO-0370CA190F
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Product Overview

String combiner box for photovoltaic systems up to 1000 V DC for connecting 1x 2 strings. String introduction from above.

With surge protection, DC switch disconnecter, and SUNCLIX DC connector for the input and output sides.

String box for photovoltaic installations up to 1000 V DC for the connection of 1x 2 strings. Guiding the strings from above.

With surge protection (type 1/2), DC charging disconnecter 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)
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Additional Product Information

Key Commercial Data

Orderkey 1140107

Packing unit 1

GTIN 4063151087883

Custom tariff number 85363030

Drawings

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General data

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System parameter

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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 on the surge protection

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System voltage 1000 V DC (U_{max})

Number of string inputs 2

Current per string (max.) 16 A (I_{max})

Number of outputs 1

Number of supported MPP trackers 1

Switching capacity 32 A (1000 V)

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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 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

Sealing area grounding 6 mm ... 12 mm

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Material cover/door Polycarbonate (transparent)

Degree of protection IP65

Protection class II

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Outer dimensions: width, height, depth 180 mm x 180 mm x 111 mm (Housing dimensions)

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Ambient temperature (operation) -20 °C ... 45 °C....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SOL-SC-2ST-0-DC-1MPPT-1101UD with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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