

INDUSTRIAL COMPONENT DATA

SOL-SC-2ST-0-DC-3MPPT-1101UD 1140960 PHOENIX CONTACT String combiner box for photovoltaic systems up to 1000..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SOL-SC-2ST-0-DC-3MPPT-1101UD



Manufacturer	PHOENIX CONTACT
MPN / Reference	SOL-SC-2ST-0-DC-3MPPT-1101UD
Catalog number	1140960
Category	Photovoltaic DC Stringbox
Minimum order	1 Pcs
Document ID	EO-05A54573EC
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Product Overview

String combiner box for photovoltaic systems up to 1000 V DC for connecting 3 x 2 strings. String introduction from above. With surge protection, 3x DC switch disconnectors, and SUNCLIX DC connectors for the input and output sides.

String box for photovoltaic installations up to 1000 V DC for the connection of 3x 2 strings. Guiding the strings from above. With surge protection (type 1/2), 3x DC load disconnectors 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

Key Commercial Data

Orderkey 1140960

Packing unit 1

GTIN 4063151090531

Custom tariff number 85363030

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System voltage 1000 V DC (U_{max})

Number of string inputs 2 (per MPP tracker)

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

Number of outputs 1 (per MPP tracker)

Number of supported MPP trackers 3

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Surge protective device T1 / T2

Protection level $U_p \leq 3.5$ 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 361 mm x 254 mm x 111 mm (Housing dimensions)

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Ambient temperature (operation) -20 °C ... 40 °C

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SOL-SC-2ST-0-DC-3MPPT-1101UD with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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