

INDUSTRIAL COMPONENT DATA

SOL-SC-4ST-0-DC-1MPPT-2000 2403334 PHOENIX CONTACT

String combiner box (SCB)

Brand: PHOENIX CONTACT | Manufacturer Part Number: SOL-SC-4ST-0-DC-1MPPT-2000



Manufacturer	PHOENIX CONTACT
MPN / Reference	SOL-SC-4ST-0-DC-1MPPT-2000
Catalog number	2403334
Category	Photovoltaic DC Stringbox
Minimum order	1 Pcs
Document ID	EO-1F3D6EAAE6
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Product Overview

String combiner box (SCB)

String box for photovoltaic installations up to 1000 V DC for the connection of 1x 4 strings. With surge protection (type 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)**

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 cable glands for the input and output side.

Key Commercial Data

Orderkey 2403334

Packing unit 1 pc

Minimum order quantity 25 pc

Note Made to Order (non-returnable)

GTIN 4055626369082

Weight per Piece (excluding packing) 1,300.000 g

Custom tariff number 85363030

Country of origin DE (Germany)

System parameter

System voltage 1000 V DC (Umax)

Number of string inputs 4

Current per string (max.) 10.25 A (Imax)

Number of outputs 1 (per MPP tracker)

Number of supported MPP trackers 1

Safety equipment

Surge protective device T2

Protection level Up ≤ 3.7 kV

Total discharge current Itotal(8/20) μs 40 kA

Cable entry

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

Sealing area grounding 6 mm ... 12 mm

General data

Material cover/door Polycarbonate (transparent)

Degree of protection IP65

Protection class II

Dimensions

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

Ambient conditions

Ambient temperature (operation) -20 °C ... 55 °C

Classifications

eCl@ss 10.0.127142422eCl@ss 5.127371890eCl@ss 7.027142422eCl@ss 8.027142422eCl@ss 9.027142422

ETIM 4.0EC000816ETIM 5.0EC000268ETIM 6.0EC000268ETIM 7.0EC000268

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SOL-SC-4ST-0-DC-1MPPT-2000 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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