INDUSTRIAL COMPONENT DATA

SOL-SC-2ST-0-DC-1MPPT-1101 2404297 PHOENIX CONTACT String combiner box (SCB)

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SOL-SC-2ST-0-DC-1MPPT-1101
Catalog number	2404297
Category	Photovoltaic DC Stringbox
Minimum order	1 Pcs
Document ID	EO-B0357FB5B7
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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 2 strings. With surge protection (type 1/2), DC charging disconnector 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 2404297
Packing unit 1 pc
GTIN 4055626396224
Weight per Piece (excluding packing) 2,000.000 g
Custom tariff number 85363030
Country of origin DE (Germany)
System parameter
System voltage 1000 V DC (Umax)
Number of string inputs 2
Current per string (max.) 16 A (Imax)
Number of outputs 1 (per MPP tracker)

Number of supported MPP trackers 1
Switching capacity 32 A (1000 V)
Safety 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
Cable 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
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 ... 50 °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-2ST-0-DC-1MPPT-1101 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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