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-53C1BB8B4B
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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)

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

Cable entry
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, as well as connection to the inverter
Schematic diagram
Connection of the protective grounding conductor
Schematic diagram
Connection of the protective equipotential bonding conductor
Back to topSystem parameter
System voltage 1000 V DC (Umax)
Number of string inputs 1 (per MPP tracker)
Current per string (max.) 40 A (Imax)
Number of outputs 1 (per MPP tracker)
Number of supported MPP trackers 2
Back to topSafety 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
Back to topCable 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 (2 x)
Sealing area grounding 6 mm ... 12 mm (2 x)
Back to topGeneral data
Material cover/door Polycarbonate (transparent)
Degree of protection IP65
Protection class II
Back to topDimensions
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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