

INDUSTRIAL COMPONENT DATA

SOL-SC-1ST-0-DC-1MPPT-1300FS 1137053 PHOENIX CONTACT String combiner box for photovoltaic systems up to 1000..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SOL-SC-1ST-0-DC-1MPPT-1300FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SOL-SC-1ST-0-DC-1MPPT-1300FS
Catalog number	1137053
Category	Photovoltaic DC Stringbox
Minimum order	1 Pcs
Document ID	EO-B82AB7A014
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Product Overview

String combiner box for photovoltaic systems up to 1000 V DC for connecting 1x 1 string. With surge protection (type 1/2), DC fire service switch disconnecter with remote access and Push-in connection for the input and output side.

String boxes for photovoltaic installations up to 1000 V DC for the connection of 1x 1 string. With surge protection (type 1/2), load disconnecter for DC firefighters with remote access and push-in connection for the input and output 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 1137053

Packing unit 1

GTIN 4063151074302

Custom tariff number 85371098

Drawings

Safety equipment

General data

Ambient conditions

System parameter

Cable entry
Dimensions
Classifications
Drawings
Connection diagram
Schematic application drawing
Connection diagram
Connection of the emergency switching off operation for the fireman's switch
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
Back to topSystem parameter
System voltage 1000 V DC (U_{max})
Number of string inputs 1
Current per string (max.) 40 A (I_{max})
Number of outputs 1
Number of supported MPP trackers 1
Switching capacity 50 A (1000 V)
Rated operating current at DC-PV1 40 A
Back to topSafety equipment
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
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 (2x)
Sealing area grounding 6 mm ... 12 mm (2x)
Cable cross section emergency stop 3x 0.14 mm² ... 2.5 mm² (230 V AC)
2x 0.14 mm² ... 2.5 mm² (Remote indication contact, potential-free, max. 24....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SOL-SC-1ST-0-DC-1MPPT-1300FS 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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