

INDUSTRIAL COMPONENT DATA

SOL-SC-6ST-0-DC-1MPPT-1010 1113128 PHOENIX CONTACT

String combiner box for photovoltaic systems up to 1000 V..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SOL-SC-6ST-0-DC-1MPPT-1010



Manufacturer	PHOENIX CONTACT
MPN / Reference	SOL-SC-6ST-0-DC-1MPPT-1010
Catalog number	1113128
Category	Photovoltaic DC Stringbox
Minimum order	1 Pcs
Document ID	EO-EC658FF8C2
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Product Overview

String combiner box for photovoltaic systems up to 1000 V DC for the connection of 1x 6 strings. With surge protection, string fuses for the positive and negative side, and cable glands 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 1113128

Packing unit 1

GTIN 4063151034634

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
Schematic diagram
Connection of the protective grounding conductor on the surge protection
Back to topSystem parameter
System voltage 1000 V DC (U_{max})
Number of string inputs 6
Current per string (max.) 10 A (I_{max})
Number of outputs 1
Number of supported MPP trackers 1
Back to topSafety equipment
String fuse Midget / 10.3 x 38 Not included in the scope of supply
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 ... 16 mm²
Sealing area output 6 mm ... 12 mm
Cable cross section grounding 16 mm²
Sealing area grounding 5 mm ... 10 mm
Back to topGeneral data
Material cover/door Poly...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SOL-SC-6ST-0-DC-1MPPT-1010 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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