

INDUSTRIAL COMPONENT DATA

SOL-SC-2ST-0-DC-10MPPT-1000EQS 1318524 PHOENIX CONTACT String box for photovoltaic systems up to 1000 V DC f..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SOL-SC-2ST-0-DC-10MPPT-1000EQS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SOL-SC-2ST-0-DC-10MPPT-1000EQS
Catalog number	1318524
Category	Photovoltaic DC Stringbox
Minimum order	1 Pcs
Document ID	EO-6F1C522121
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Product Overview

String box for photovoltaic systems up to 1000 V DC for the connection of 10x 2 strings. Same number of input and output strings. 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

Technical dataProduct propertiesProduct type String combiner box (SCB)

Insulation characteristics

Protection class II

Electrical propertiesMPP voltage UN max. 1000 V DC

Non-load voltage UOC max. 1100 V DC

Current per string I_{max} max. 20 A

Surge protection

EN type T1 / T2

Protection level U_p ≤ 3.5 kV

Total discharge current I_{total}(10/350) μs 5 kA

Total discharge current I_{total}(8/20) μs 40 kA

Input dataNumber of inputs: Strings 2 (per MPP tracker)

Number of supported MPP trackers 10
Output dataDC
Number of outputs: MPP tracker 10
Number of outputs: ± 2 (per MPP tracker)
Connection dataDC input
Type of cable entry Cable gland
Connection method Push-in connection
Cable cross section 4 mm² ... 6 mm²
External cable diameter 5 mm ... 7 mm
Protective bonding and protective grounding conductor
Type of cable entry Cable gland
Connection method Push-in connection
Cable cross section 2x 16 mm²
External cable diameter 2x 6 mm ... 13 mm
DC output
Type of cable entry Cable gland
Connection method Push-in connection
Cable cross section 4 mm² ... 6 mm²
External cable diameter 5 mm ... 7 mm
DimensionsHousing
Width 600 mm
Height 400 mm
Depth 230 mm
Material specificationsMaterial Housing Polyester fiberglass reinforced
Material Cover/door Polyester fiberglass reinforced
Environmental and real-life conditionsAmbient conditions
Degree of protection IP65
Ambient temperature (operation) -20 °C ... 50 °C
Standards and regulationsStandard designation Low-voltage switchgear and controlgear assemblies...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SOL-SC-2ST-0-DC-10MPPT-1000EQS with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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