

INDUSTRIAL COMPONENT DATA

SOL-SC-2ST-0-DC-3MPPT-1000SE 1053613 PHOENIX CONTACT Switching device combination

Brand: PHOENIX CONTACT | Manufacturer Part Number: SOL-SC-2ST-0-DC-3MPPT-1000SE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SOL-SC-2ST-0-DC-3MPPT-1000SE
Catalog number	1053613
Category	Photovoltaic DC Stringbox
Minimum order	1 Pcs
Document ID	EO-0FA535A8BF
Generated	2026-08-01

Product Overview

Switching device combination

String box for photovoltaic installations up to 1000 V DC for the connection of 3x 2 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

Key Commercial Data

Orderkey 1053613

Packing unit 1 pc

GTIN 4055626685687

Weight per Piece (excluding packing) 3,600.000 g

Custom tariff number 85363030

Country of origin DE (Germany)

System parameter

System voltage 1000 V DC (Umax)

Number of string inputs 2 (per MPP tracker)

Number of outputs 1 (per MPP tracker)

Number of supported MPP trackers 3

Safety 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

Cable 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

General data

Housing material Polycarbonate

Material cover/door Polycarbonate (transparent)

Degree of protection IP65

Protection class II

Dimensions

Outer dimensions: width, height, depth 361 mm x 254 mm x 111 mm (Housing dimensions)

Ambient conditions

Ambient temperature (operation) -20 °C ... 55 °C

Classifications

eCl@ss 5.127371890eCl@ss 8.027142422eCl@ss 9.027142422

ETIM 4.0EC000816ETIM 5.0EC000268ETIM 6.0EC000268

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SOL-SC-2ST-0-DC-3MPPT-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.