

INDUSTRIAL COMPONENT DATA

SOL-SC-2ST-0-DC-1MPPT-2000 1055626 PHOENIX CONTACT

Switching device combination

Brand: PHOENIX CONTACT | Manufacturer Part Number: SOL-SC-2ST-0-DC-1MPPT-2000



Manufacturer	PHOENIX CONTACT
MPN / Reference	SOL-SC-2ST-0-DC-1MPPT-2000
Catalog number	1055626
Category	Photovoltaic DC Stringbox
Minimum order	1 Pcs
Document ID	EO-18BF9AB679
Generated	2026-07-31

Product Overview

Switching device combination

String box for photovoltaic installations up to 1000 V DC for the connection of 1x 2 strings. With surge protection (type 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 1055626

Packing unit 1 pc

GTIN 4055626693309

Weight per Piece (excluding packing) 1,750.000 g

Custom tariff number 85363030

Country of origin DE (Germany)

System parameter

System voltage 1000 V DC (Umax)

Number of string inputs 2

Number of outputs 1

Number of supported MPP trackers 1

Safety equipment

Surge protective device T2

Protection level $U_p \leq 3.7$ kV

Total discharge current $I_{total}(8/20)$ μ s 40 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 (2 x)

General data

Housing material Polycarbonate

Material cover/door Polycarbonate (transparent)

Degree of protection IP65

Protection class II

Dimensions

Outer dimensions: width, height, depth 180 mm x 180 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-1MPPT-2000 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.