

INDUSTRIAL COMPONENT DATA

SACB-6/12-SC SCO P 1452958 PHOENIX CONTACT

Sensor/actuator box, Application: Standard, Connection method: M1..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACB-6/12-SC SCO P



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACB-6/12-SC SCO P
Catalog number	1452958
Category	Passive sensor-actuator interface (without cable)
Minimum order	1 Pcs
Document ID	EO-FD7256F72F
Generated	2026-08-01

Product Overview

Sensor/actuator box, Application: Standard, Connection method: M12-SPEEDCON-socket Plastic, Number of slots: 6, Number of positions: 5, Coding: A - standard, Slot assignment: Double, Status indication: No, Universal; Master cable connection: Spring-cage connection 180°, Shielding: No

Sensor/actuator box, application: Standard, connection type: SPEEDCON M12 female connector Plastic, number of plug-in stations: 6, number of poles: 5, coding: A - standard, occupancy of plug-in stations: Double, status indication: No, Universal; Main cable connection: Spring connection 180°, shielding: No

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 > QUICKON Installation System (QPD)

Additional Product Information

General

Rated voltage 120 V

Current carrying capacity per I/O signal 2 A

Current carrying capacity per slot 4 A

Total rated current 12 A

Number of positions 5

Number of slots 6

Flammability rating according to UL 94 V0

Sensor/actuator connection system M12-SPEEDCON-socket

Ambient conditions

Degree of protection IP65

IP67

Ambient temperature (operation) -25 °C ... 80 °C

Master cable data/connection data

Connection method Spring-cage connection

Conductor cross section min. (signal) 0.2 mm²

Conductor cross section max. (signal) 0.5 mm²

Conductor cross section AWG min. (signal) 24

Conductor cross section AWG max. (signal) 20

Stripping length (signal) 6 mm

Conductor cross section min. (energy) 0.2 mm²

Conductor cross section max. (energy) 1.5 mm²

Conductor cross section AWG min. (energy) 24

Conductor cross section AWG max. (energy) 16

Stripping length (power) 10 mm

External cable diameter min. 7 mm

External cable diameter max. 12 mm

Stripping length 50 mm (Master cable)

Tightening torque, cover screw 1 Nm

Tightening torque, union nut 2.5 Nm

Tightening torque slot sensor/actuator cable 0.4 Nm

Tightening torque of mounting screw for fixing the housing 0.5 Nm

Insulation material

Housing material PBT

Material of the moulding mass PUR

Contact material Cu alloy

Contact surface material Gold-plated

Contact carrier material PA

Material of threaded sleeve PBT

O-ring material NBR

Sealing material NBR (Connector hood)

Pin assignment

Slot/position = Wire color or connection 1 / 4 (A) = WH

1....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACB-6/12-SC SCO P 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.