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-B786527776
Generated	2026-11-18

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

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