

**INDUSTRIAL COMPONENT DATA**

# SACB-6/12-L-C SCO P 1452835 PHOENIX CONTACT

## Sensor/actuator box, Application: Standard, Connection method: M..

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



|                 |                                                   |
|-----------------|---------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                   |
| MPN / Reference | SACB-6/12-L-C SCO P                               |
| Catalog number  | 1452835                                           |
| Category        | Passive sensor-actuator interface (without cable) |
| Minimum order   | 1 Pcs                                             |
| Document ID     | EO-016F36DA3D                                     |
| Generated       | 2026-08-03                                        |

## 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: Yes, pnp; Master cable connection: Pluggable screw 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: Yes, pnp; Main cable connection: 180° plug-in screw connection, 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 24 V DC

Max. operating voltage Umax 30 V DC

Current carrying capacity per I/O signal 2 A

Current carrying capacity per slot 4 A

Total rated current 10 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  
Local diagnostics function  
Local diagnostics Supply voltage Green LED  
Status display I/O Yellow LED  
Master cable data/connection data  
Connection method Pluggable screw connection  
Conductor cross section min. (signal) 0.14 mm<sup>2</sup>  
Conductor cross section max. (signal) 1.5 mm<sup>2</sup>  
Conductor cross section AWG min. (signal) 26  
Conductor cross section AWG max. (signal) 16  
Stripping length (signal) 7 mm  
Conductor cross section min. (energy) 0.14 mm<sup>2</sup>  
Conductor cross section max. (energy) 1.5 mm<sup>2</sup>  
Conductor cross section AWG min. (energy) 26  
Conductor cross section AWG max. (energy) 16  
Stripping length (power) 7 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 contact,...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACB-6/12-L-C SCO P with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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