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-7B0D61092F
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: 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 mm²
Conductor cross section max. (signal) 1.5 mm²
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 mm²
Conductor cross section max. (energy) 1.5 mm²
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 or use electricaonline.com/request-quote.

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.