INDUSTRIAL COMPONENT DATA

SACB-6Q/4P-L-SC NPN 1680869 PHOENIX CONTACT Sensor/actuator box

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACB-6Q/4P-L-SC NPN



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACB-6Q/4P-L-SC NPN
Catalog number	1680869
Category	Passive sensor-actuator interface (with cable)
Minimum order	1 Pcs
Document ID	EO-31EF5CA7F1
Generated	2026-11-18

Product Overview

Sensor/actuator box
Sensor/Actuator Box, Application: Standard, Connection Type: QUICKON, 0.34 mm² ... 0.75 mm², number of plug-in stations: 6, number of poles: 4, occupation of plug-in stations: single, status indication: Yes, npn; 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

Key Commercial Data
Orderkey 1680869
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 273 (C-2-2017)
GTIN 4017918171001
Weight per Piece (excluding packing) 218.800 g
Custom tariff number 85366990
Country of origin PL (Poland)
General
Rated voltage 24 V DC
Max. operating voltage Umax 30 V DC

Current carrying capacity per I/O signal 4 A
Current carrying capacity per slot 4 A
Total rated current 12 A
Number of positions 4
Number of slots 6
Flammability rating according to UL 94 V0
Sensor/actuator connection system QUICKON
Ambient conditions
Degree of protection IP65
IP67
Ambient temperature (operation) -25 °C ... 60 °C
Local diagnostics function
Local diagnostics Supply voltage Green LED
Status display I/O Yellow LED
Master cable data/connection data
Connection method Spring-cage connection
Conductor cross section min. (signal) 0.14 mm²
Conductor cross section max. (signal) 1 mm²
Conductor cross section AWG min. (signal) 26
Conductor cross section AWG max. (signal) 18
Stripping length (signal) 10 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
External cable diameter min. 6.5 mm
External cable diameter max. 9.5 mm
Stripping length 70 mm (Master cable)
Tightening torque, union nut 2.5 Nm
Conductor data
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter Class 2-6 // 0.34 mm²: 0.1 mm; 0.5 - 0.75 mm...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACB-6Q/4P-L-SC NPN 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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