INDUSTRIAL COMPONENT DATA

SACB-6Q/4P-SC 1683646 PHOENIX CONTACT Sensor/actuator box

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACB-6Q/4P-SC
Catalog number	1683646
Category	Passive sensor-actuator interface (with cable)
Minimum order	1 Pcs
Document ID	EO-0BA8E9E397
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 workstations: 6, number of poles: 4, occupation of plug-in workstations: single, status display: 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

Key Commercial Data
Orderkey 1683646
Packing unit 1 pc
Catalog page Page 273 (C-2-2017)
GTIN 4017918170974
Weight per Piece (excluding packing) 218.200 g
Custom tariff number 85366990
Country of origin PL (Poland)
General
Rated voltage 120 V
Max. operating voltage Umax 135 V
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
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) 17
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 mm²: 0.15 mm
Wire insulation material PVC / PE
Wire diameter including insulation <= 2.5 mm
Minimum external conductor diameter 4 mm
Maximum ex...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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