INDUSTRIAL COMPONENT DATA

SACB-16X0,5/ 3X1,0-50,0 80MC 1402304 PHOENIX CONTACT Master cable ring

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACB-16X0,5/ 3X1,0-50,0 80MC



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACB-16X0,5/ 3X1,0-50,0 80MC
Catalog number	1402304
Category	Power cable less 1 kV, for moving application
Minimum order	1 Pcs
Document ID	EO-F760E8882B
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Product Overview

Master cable ring
Main cable for sensor/actuator housings, 19 conductors, unshielded, halogen-free PUR, suitable for drive chains and robots, black outer wrap, 16 x 0.5 mm² + 3 x 1.0 mm²
Master cable for sensor/actuator boxes, 19-wire, unshielded, PUR halogen-free, drag chain and robot compatible, black outer sheath, 16 x 0.5 mm2 and 3 x 1.0 mm2

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

Technical dataProduct propertiesProduct type Cable by the meter
Application Distributor boxes
Number of positions 19
Electrical propertiesNominal voltage UN 300 V AC
300 V DC
Cable/lineCable length 50 m
PUR halogen-free, highly flexible [80MC]
Dimensional drawing
Number of positions 19
Shielded no
Cable type PUR halogen-free, highly flexible [80MC]

Conductor structure signal line 28x 0.15 mm
AWG signal line 20
Conductor cross section 16x 0.5 mm² (Signal line)
3x 1 mm² (power line)
External cable diameter 10.75 mm
Outer sheath, material PUR
External sheath, color black RAL 9005
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color brown, blue, green/yellow, white, green, yellow, gray, pink, red, black, violet, gray/pink, red/blue, white/green, brown/green, white/yellow, yellow/brown, white/gray, gray/brown
Overall twist Wires twisted to an optimum in two layers
Max. conductor resistance 39 ?/km (Signal line)
19.5 ?/m (power line)
Insulation resistance >= 10 M?*km (at 20 °C)
Nominal voltage, cable 300 V
Test voltage 2000 V
Smallest bending radius, fixed installation 90 mm
Smallest bending radius, movable installation 120 mm
Dynamic load capacity (bending) Max. bending cycles: 5000000, Bending radius: 120 mm, Traversing path: 5 m, Traversing rate: 3 m/s, Acceleration: 5 m/s²
Dynamic load capacity (torsion) Torsion: ±120 °/m, Torsion cycles: >=3000000
Halogen-free The cable is halogen-free
Flame resistance DIN EN 50265-2-1
Resistance to oil in accord...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACB-16X0,5/ 3X1,0-50,0 80MC 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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