

INDUSTRIAL COMPONENT DATA

SAC-3P- 5,0-PVC/FRS PE PPH DMG1 1423354 PHOENIX CONTACT Power cable SAC-3P- 5,0-PVC/FRS PE PPH DMG1 1423354

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P- 5,0-PVC/FRS PE PPH DMG1



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P- 5,0-PVC/FRS PE PPH DMG1
Catalog number	1423354
Category	Sensor-actuator patch cord
Minimum order	10 Pcs
Document ID	EO-03C9187457
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Product Overview

Power cable - SAC-3P- 5,0-PVC/FRS PE PPH DMG1 - 1423354

Power cable, 3-pole, free cable end, to angled female M12, coding: S SPEEDCON, cable length: 5 m, Customer variant

Power cable, 3-position, PVC, black, free cable end, on Socket angled M12 SPEEDCON, coding: S, cable length: 5 m, Customer version

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 > Industrial Field Connectivity (IFC)
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Additional Product Information

Technical dataProduct propertiesProduct type Power cable

Application Power supply

Number of positions 3

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Electrical propertiesNominal voltage UN 690 V AC

Nominal current IN 12 A

ConnectorConnection 1

Type free cable end

Connection 2

Type Socket angled M12 SPEEDCON

Number of positions 4

Locking type SPEEDCON

Coding type S (Power)

Cable/lineCable length 5 m

PVC black [PVC]

Dimensional drawing

Cable weight 80 kg/km

UL AWM Style 2517 (105 °C / 300 V)

Number of positions 3

Shielded no

Cable type PVC black [PVC]

Conductor cross section 3x 1.5 mm²

Wire diameter incl. insulation 2.4 mm ±0.1 mm

External cable diameter 6.80 mm ±0.2 mm

Outer sheath, material PVC

External sheath, color black

Conductor material Bare Cu litz wires

Material wire insulation PVC

Single wire, color black 1, black 2, green/yellow

Overall twist 3 wires, twisted

Max. conductor resistance ≤ 13.3 Ω/km (at 20 °C)

Insulation resistance ≥ 10 MΩ*km (at 20 °C)

Nominal voltage, cable 300 V AC

Test voltage 2000 V AC

Minimum bending radius, fixed installation 5 x D

Minimum bending radius, flexible installation 12 x D

Smallest bending radius, fixed installation 34 mm

Smallest bending radius, movable installation 82 mm

Flame resistance according to IEC 60332-1

According to DIN EN 60332-1-2

According to VW-1

According to FT1

Ambient temperature (operation) -40 °C ... 90 °C (cable, fixed installation)

-5 °C ... 90 °C (Cable, flexible installation)

Enviro...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P- 5,0-PVC/FRS PE PPH DMG1 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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