

INDUSTRIAL COMPONENT DATA

SAC-3P- 2,0-PVC/M12FSS PE 1411645 PHOENIX CONTACT

Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-2,0-PVC/M12FSS PE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-2,0-PVC/M12FSS PE
Catalog number	1411645
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
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Product Overview

Power cable

Power cable, 3-pole, free cable end, to straight female M12, coding: S, cable length: 2 m, for alternating current up to 16 A/250 V

Power cable, 3-position, PVC, black, free cable end, on Socket straight M12, coding: S, cable length: 2 m, For alternating current up to 16 A/690 V

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

No. of cable outlets 1

Shielded no

Coding S

Data management status

Article revision 06

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Material specifications Flammability rating according to UL 94 V0

Material of grip body PP

Contact material CuZn

Contact surface material Ni/Au

Contact carrier material PA

Material for screw connection Zinc die-cast, nickel-plated

Electrical properties Insulation resistance $\geq 100 \text{ M}\Omega$

Nominal voltage UN 690 V AC

Nominal current IN 16 A

Mechanical properties Mechanical data

Insertion/withdrawal cycles > 100

Connector Connection 1

Type free cable end

Connection 2

Type Socket straight M12

Coding type S (Power)

Cable/line Cable length 2 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 $3 \times 1.5 \text{ mm}^2$

Wire diameter incl. insulation $2.4 \text{ mm} \pm 0.1 \text{ mm}$

External cable diameter $6.80 \text{ mm} \pm 0.2 \text{ mm}$

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 $\leq 13.3 \text{ } \Omega/\text{km}$ (at 20 °C)

Insulation resistance $\geq 10 \text{ M}\Omega \cdot \text{km}$ (at 20 °C)

Nominal voltage, cable 300 V AC

Test voltage 2000 V AC

Minimum bending radius, fixed installation $5 \times D$

Minimum bending radius,....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-2,0-PVC/M12FSS PE 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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