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

PRODUCT IMAGE\nNOT AVAILABLE

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-9DD754EA93
Generated	2026-11-19

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)

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 ?/km (at 20 °C)
Insulation resistance >= 10 M?*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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