INDUSTRIAL COMPONENT DATA

SAC-3P-M12MRS/10,0-PVC PE 1411643 PHOENIX CONTACT Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MRS/10,0-PVC PE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-M12MRS/10,0-PVC PE
Catalog number	1411643
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-F46577799B
Generated	2026-11-19

Product Overview

Power cable
Power cable, 3-pole, M12 angled connector, coding: S, to free cable end, cable length: 10 m, for alternating current up to 16 A/250 V
Power cable, 3-position, PVC, black, Plug angled M12, coding: S, on free cable end, cable length: 10 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)

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
Insulation characteristics
Overvoltage category III
Degree of pollution 3
Material specificationsFlammability 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 propertiesInsulation resistance >= 100 M?
Nominal voltage UN 690 V AC
Nominal current IN 16 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles > 100
ConnectorConnection 1
Type Plug angled M12
Coding type S (Power)
Connection 2
Type free cable end
Cable/lineCable length 10 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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MRS/10,0-PVC 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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