INDUSTRIAL COMPONENT DATA

SAC-6P-M12MSM/ 1,5-PVC PE SH 1414952 PHOENIX CONTACT Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-M12MSM/ 1,5-PVC PE SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-M12MSM/ 1,5-PVC PE SH
Catalog number	1414952
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-05C2F3ECA4
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Product Overview

Power cable
Power cable, 6-pole, shielded (Advanced Shielding Technology), M12 straight connector, coding: M, to free cable end, cable length: 1.5 m, for AC up to 8 A/690 V
Power cable, 6-position, PVC, orange RAL 2003, shielded (Advanced Shielding Technology), Plug straight M12, coding: M, on free cable end, cable length: 1.5 m, for AC current up to 8 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 6
No. of cable outlets 1
Shielded yes
Coding M
Data management status
Article revision 05
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 8 A
ConnectorConnection 1
Type Plug straight M12
Coding type M (Power)
Connection 2
Type free cable end
Cable/lineCable length 1.5 m
PVC orange [PVC]
Dimensional drawing
Cable weight 192 kg/km
UL AWM Style 2570 / 10914 (80°C/1000 V)
Number of positions 6
Shielded yes
Cable type PVC orange [PVC]
Conductor cross section 6x 1.5 mm²
Wire diameter incl. insulation 2.4 mm ±0.05 mm
External cable diameter 10.40 mm ±0.25 mm
Outer sheath, material PVC
External sheath, color orange RAL 2003
Conductor material Bare Cu litz wires
Material wire insulation PVC
Single wire, color black 1, black 2, black 3, black 4, black 5, green/yellow
Thickness, insulation >= 0.36 mm
Thickness, outer sheath approx. 0.76 mm
Max. conductor resistance <= 15 ?/m (at 20 °C)
Insulation resistance >= 100 M?*km (at 20 °C)
Nominal voltage, cable <= 1000 V AC
Test voltage >= 10000 V AC (Spark test)
Minimum bending radius, fixed install...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-M12MSM/ 1,5-PVC PE SH 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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