INDUSTRIAL COMPONENT DATA

SAC-6P-10,0-PVC/M12FRM PE SH 1414929 PHOENIX CONTACT Power cable, 6-position, PVC, orange RAL 2003, shielded..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-6P-10,0-PVC/M12FRM PE SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-6P-10,0-PVC/M12FRM PE SH
Catalog number	1414929
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-F8D9E74CD5
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Product Overview

Power cable, 6-position, PVC, orange RAL 2003, shielded (Advanced Shielding Technology), Socket angled M12, M-coded, on free cable end, cable length: 10 m, For AC current up to 8 A/690 V
Power cable, 6-pole, shielded (Advanced Shielding Technology), free cable end, to Elbow Female M12, coding: M, cable length: 10 m, for AC up to 8 A/690 V
Power cable, 6-position, PVC, orange RAL 2003, shielded (Advanced Shielding Technology), free cable end, on Socket angled M12, coding: M, cable length: 10 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 04

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 free cable end
Connection 2
Type Socket angled M12
Coding type M (Power)
Cable/lineCable length 10 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 installa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-6P-10,0-PVC/M12FRM 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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