INDUSTRIAL COMPONENT DATA

PRC 3-FC-MS6 8-12 1014502 PHOENIX CONTACT Circular connectors (cable-side), Range of articles: PRC, Connecto..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PRC 3-FC-MS6 8-12



Manufacturer	PHOENIX CONTACT
MPN / Reference	PRC 3-FC-MS6 8-12
Catalog number	1014502
Category	Sensor-actuator connector chassis
Minimum order	1 Pcs
Document ID	EO-B5B93E1CFF
Generated	2026-11-18

Product Overview

Circular connectors (cable-side), Range of articles: PRC, Connector, housing material: PPE, color: black, number of positions: 3, min. conductor cross section: 1.5 mm², max. conductor cross section: 6 mm², nom. voltage: 690 V AC, rated current: 35 A, Connection method: Screw connection, Type of contact: Pin, min. cable diameter: 8 mm, max. cable diameter: 12 mm
Circular connector (cable side), Article family: PRC, Connector, housing material: PPE, color: black, number of poles: 3, min. conductor cross-section: 1.5 mm², max. conductor cross-section: 6 mm², rated voltage: 690 V AC, assigned current: 35A, Connection type: Screw connection, Contact type: Pin, min. cable diameter: 8.00 mm, max. cable diameter: 12.00 mm

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 > Field Device Connectors (FDC)

Additional Product Information

Key Commercial Data
Orderkey 1014502
Packing unit 1 pc
GTIN 4055626494623
Weight per Piece (excluding packing) 80.000 g
Custom tariff number 85366990
Country of origin PL (Poland)
General data
Material data

Classifications
Connection data
Standards and Regulations
General data
Number of positions 3
Protection class II
Color black
Locking type Snap-in locking
Insertion/withdrawal cycles 100
Degree of protection (when plugged in) IP66 / IP68 (2m / 24h) / IP69K
Width 37.6 mm
Height 37.6 mm
Length 106 mm
Back to topConnection data
Rated current 35 A (With 6 mm² conductor cross section in accordance with IEC 61984)
32 A (With 6 mm² conductor cross section in accordance with IEC 61535)
35 A (With 6 mm²/AWG 10, in accordance with UL 2238)
Nominal voltage ATD 690 V AC (in accordance with IEC 61984)
500 V AC (in accordance with IEC 61535/2 PfG 1915)
600 V AC (In accordance with UL 2238)
Rated voltage (III/2) 690 V
Stripping length 12 mm
Torque max. 1 Nm (Contact screw)
Type of contact Pin
Stripping length of the sheath 50 mm
Conductor cross section flexible, with ferrule without plastic sleeve min. 1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 6 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 6 mm²
Conductor cross section solid min. 1.5 mm²
Conductor cross section solid max. 6 mm²
Conductor cross section flexible min. 4 mm²
Conductor cross s...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PRC 3-FC-MS6 8-12 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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