

INDUSTRIAL COMPONENT DATA

PRC 3-FC-MS6 16-21 1014531 PHOENIX CONTACT Circular connectors (cable-side), Range of articles: PRC, Connect..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PRC 3-FC-MS6 16-21



Manufacturer	PHOENIX CONTACT
MPN / Reference	PRC 3-FC-MS6 16-21
Catalog number	1014531
Category	Sensor-actuator connector chassis
Minimum order	1 Pcs
Document ID	EO-411514D878
Generated	2026-08-05

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: 16 mm, max. cable diameter: 21 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, rated current: 35A, Connection type: Screw connection, Contact type: Pin, min. cable diameter: 16.00 mm, max. cable diameter: 21.00 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)
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Additional Product Information

Key Commercial Data

Orderkey 1014531

Packing unit 1 pc

GTIN 4055626494531

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 105 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 16-21 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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