

**INDUSTRIAL COMPONENT DATA**

# **PRC 5-FC-MS6 16-21 1014505 PHOENIX CONTACT Circular connectors (cable-side), Range of articles: PRC, Connect..**

Brand: PHOENIX CONTACT | Manufacturer Part Number: PRC 5-FC-MS6 16-21



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | PHOENIX CONTACT                   |
| MPN / Reference | PRC 5-FC-MS6 16-21                |
| Catalog number  | 1014505                           |
| Category        | Sensor-actuator connector chassis |
| Minimum order   | 1 Pcs                             |
| Document ID     | EO-F19B2838EC                     |
| Generated       | 2026-08-05                        |

## **Product Overview**

Circular connectors (cable-side), Range of articles: PRC, Connector, housing material: PPE, color: black, number of positions: 5, min. conductor cross section: 1.5 mm<sup>2</sup>, max. conductor cross section: 6 mm<sup>2</sup>, 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: 5, min. conductor cross-section: 1.5 mm<sup>2</sup>, max. conductor cross-section: 6 mm<sup>2</sup>, rated voltage: 690 V AC, assigned 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)**

## **Additional Product Information**

Key Commercial Data

Orderkey 1014505

Packing unit 1 pc

GTIN 4055626494906

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 5

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

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Rated current 35 A (With 6 mm<sup>2</sup> conductor cross section in accordance with IEC 61984)

32 A (With 6 mm<sup>2</sup> conductor cross section in accordance with IEC 61535)

30 A (With 6 mm<sup>2</sup>/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 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 6 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 1.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 6 mm<sup>2</sup>

Conductor cross section solid min. 1.5 mm<sup>2</sup>

Conductor cross section solid max. 6 mm<sup>2</sup>

Conductor cross section flexible min. 4 mm<sup>2</sup>

Conductor cross s...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PRC 5-FC-MS6 16-21 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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