

## INDUSTRIAL COMPONENT DATA

# PRC 3-FC-FS6 12-21 1010650 PHOENIX CONTACT Coupler connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PRC 3-FC-FS6 12-21



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | PHOENIX CONTACT                   |
| MPN / Reference | PRC 3-FC-FS6 12-21                |
| Catalog number  | 1010650                           |
| Category        | Sensor-actuator connector chassis |
| Minimum order   | 1 Pcs                             |
| Document ID     | EO-2CD0FBC8D6                     |
| Generated       | 2026-08-06                        |

## Product Overview

Coupler connector

Circular connector (cable side), Article family: PRC, Plug-in coupling connector, construction: Unlock only with tool, housing material: PPE, color: black, number of poles: 3, min. conductor cross-section: 1.5 mm<sup>2</sup>, max. conductor cross-section: 6 mm<sup>2</sup>, nominal voltage: 690 V AC, assigned current: 35 A, Connection type: Screw connection, Contact type: Female, min. cable diameter: 12.00 mm, max. cable diameter: 21.00 mm. Variant for unlocking with a tool

## 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 1010650

Packing unit 1 pc

Minimum order quantity 500 pc

Note Made to Order (non-returnable)

GTIN 4055626484709

Weight per Piece (excluding packing) 81.700 g

Custom tariff number 85366990

Country of origin PL (Poland)

General data

Number of positions 3

Protection class II  
Color black  
Locking type Snap-in locking  
Insertion/withdrawal cycles 100  
Pull-out-force 150 N ± 50 N  
Insertion force 30 N ± 10 N  
Degree of protection (when plugged in) IP66 / IP68 (2m / 24h) / IP69K  
Connection data  
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)  
21.4 A (With 6 mm<sup>2</sup> conductor cross section and 85 °C in accordance with 2 PfG 1915)  
35 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  
Conductor cross section flexible min. 1.5 mm<sup>2</sup>  
Conductor cross section flexible 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>  
Stripping length 12 mm  
Torque max. 1 Nm (Contact screw)  
Type of contact Socket  
Stripping length of the sheath 50 mm  
Material data  
Contact material Cu alloy  
Contact surface material silver-plated  
Contact carrier material PPE  
Flammability rating according to UL 94 V0  
Standards and Regulations  
Flammability rating according to UL 94 V0  
Enviro...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PRC 3-FC-FS6 12-21 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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