INDUSTRIAL COMPONENT DATA

PRC 3-FC-FS6 16-21 1410659 PHOENIX CONTACT Coupler connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PRC 3-FC-FS6 16-21



Manufacturer	PHOENIX CONTACT
MPN / Reference	PRC 3-FC-FS6 16-21
Catalog number	1410659
Category	Sensor-actuator connector chassis
Minimum order	10 Pcs
Document ID	EO-546F10623A
Generated	2026-11-19

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 mm², max. conductor cross-section: 6 mm², nominal voltage: 690 V AC, assigned current: 35 A, Connection type: Screw connection, Contact type: Female, min. cable diameter: 16.00 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 1410659
Packing unit 1 pc
Minimum order quantity 10 pc
Catalog page Page 76 (NTK-2014)
GTIN 4046356904261
Weight per Piece (excluding packing) 74.900 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 mm² conductor cross section in accordance with IEC 61984)
32 A (With 6 mm² conductor cross section in accordance with IEC 61535)
21.4 A (With 6 mm² conductor cross section and 85 °C in accordance with 2 PfG 1915)
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
Conductor cross section flexible min. 4 mm²
Conductor cross section flexible max. 6 mm²
Conductor cross section solid min. 1.5 mm²
Conductor cross section solid max. 6 mm²
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
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
Environmental Produ...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PRC 3-FC-FS6 16-21 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES
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