INDUSTRIAL COMPONENT DATA

PRC 5-FC-FS6 8-12 HR 1017631 PHOENIX CONTACT Coupler connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PRC 5-FC-FS6 8-12 HR



Manufacturer	PHOENIX CONTACT
MPN / Reference	PRC 5-FC-FS6 8-12 HR
Catalog number	1017631
Category	Sensor-actuator connector chassis
Minimum order	1 Pcs
Document ID	EO-80470AA937
Generated	2026-11-19

Product Overview

Coupler connector

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 1017631
Packing unit 1 pc
Note Made to Order (non-returnable)
GTIN 4055626500683
Weight per Piece (excluding packing) 95.200 g
Custom tariff number 85366990
Country of origin PL (Poland)
General data
Number of positions 5
Protection class II
Color black
Locking type Snap-in locking
Insertion/withdrawal cycles 100
Pull-out-force 175 N ± 50 N

Insertion force 40 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)
30 A (With 6 mm²/AWG 10, in accordance with UL 2238)
Nominal voltage ATD 690 V AC (in accordance with IEC 61984)
600 V AC (In accordance with UL 2238)
Rated voltage (III/2) 690 V
Conductor cross section flexible min. 1.5 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 Product Compliance
REACh SVHC Lead 7439-92-1
Classifications
eCl@ss 8.027440102eCl@ss 9.027440103
ETIM 5.0EC002061ETIM 6.0EC002061

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PRC 5-FC-FS6 8-12 HR 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.