

INDUSTRIAL COMPONENT DATA

SACC-DSI-M12FSS-3P-M16/0,5 PE 1411652 PHOENIX CONTACT Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-DSI-M12FSS-3P-M16/0,5 PE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-DSI-M12FSS-3P-M16/0,5 PE
Catalog number	1411652
Category	Circular connector, mounting (with cable)
Minimum order	1 Pcs
Document ID	EO-4773D6D528
Generated	2026-08-04

Product Overview

Flush-type connector

Connect. plug. to be apar. wall poster., Power, 3-pole, Female built-in mount, straight, M12-Standard, S, to free cable end, Rear mounting, M16 x 1.5, Single stranded wires, cable length: 0.5 m, 1.31 mm², UL/cUL switching twisted wire, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) 1238906

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 1411652

Packing unit 1 pc

Catalog page Page 288 (C-2-2017)

GTIN 4046356937412

Weight per Piece (excluding packing) 42.500 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 0.5 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)

Degree of protection IP65

IP67

General

Note The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.

Rated current at 40°C 16 A

Rated voltage 630 V

Rated surge voltage 6 kV

Number of positions 3

Insulation resistance $\geq 100 \text{ M}\Omega$

Coding S power

Standards/regulations M12 connector IEC 61076-2-111 In line with

Signal type/category Power

Status display No

Overvoltage category III

Degree of pollution 3

Test voltage 6 kV

Connection method Individual wires

Insertion/withdrawal cycles > 100

Torque 3 Nm ... 4 Nm (M12 connector)

Mounting type Rear mounting M16 x 1.5 With flat nut

Material

Flammability rating according to UL 94 V0

Contact material CuZn

Contact surface material Au

Contact carrier material PA

Material, knurls CuZn alloy, nickel-plated

Sealing material FKM

Cable

Cable type UL/cUL stranded hook-up wire

Conductor cross section 1.31 mm²

AWG signal line 16

Core diameter includi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-DSI-M12FSS-3P-M16/0,5 PE 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 PI #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.