INDUSTRIAL COMPONENT DATA

SACC-E-M12FSS-3P-M16/0,5 PE 1411654 PHOENIX CONTACT Flush-type connector

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-E-M12FSS-3P-M16/0,5 PE
Catalog number	1411654
Category	Circular connector, mounting (with cable)
Minimum order	1 Pcs
Document ID	EO-AD363809AE
Generated	2026-11-18

Product Overview

Flush-type connector
Conect. plug. to be apar. front wall, Power, 3-pole, Built-in mounting female, straight, M12-Standard, S, to free cable end, Front wall 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%) 1238908

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 1411654
Packing unit 1 pc
Catalog page Page 288 (C-2-2017)
GTIN 4046356937498
Weight per Piece (excluding packing) 39.000 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions
Length of cable 0.5 m
Ambient conditions
Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)

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 >= 100 M?
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 Front mounting M16 x 1.5
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
Additional material specifications PU 2K (Grout material)
Cable
Cable type UL/cUL stranded hook-up wire
Conductor cross section 1.31 mm²
AWG signal line 16
Core di...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-E-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 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.