INDUSTRIAL COMPONENT DATA

SACC-DSI-M12FSL4FEM16XL-L180GR 1425591 PHOENIX CONTACT Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-DSI-M12FSL4FEM16XL-L180GR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-DSI-M12FSL4FEM16XL-L180GR
Catalog number	1425591
Category	Circular connector, mounting (PCB)
Minimum order	20 Pcs
Document ID	EO-93B3E32DDA
Generated	2026-11-18

Product Overview

Flush-type connector
Conect. plug. to be apar. Wall poster., Power, 5-pole, Female connection, straight, M12, coding: L, Rear mounting, M16 x 1.5, Wave soldering, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) art.code: 1239522
Device connector rear wall, power, 5-pole, socket, straight, M12, coding: L, rear wall mounting, M16 x 1.5, wave soldering, alternative product according to RoHS II without exception 6c (Pb < 0.1 %) Item no.: 1239522

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 1425591
Packing unit 20 pc
Minimum order quantity 20 pc
Note Made to Order (non-returnable)
GTIN 4055626428444
Weight per Piece (excluding packing) 18.000 g
Custom tariff number 85366990
Country of origin DE (Germany)
Ambient conditions
Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)

-40 °C ... 85 °C (without mechanical actuation)
Degree of protection 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.
FE not connected to metal parts that can be touched, no protective function
Rated current at 40°C 16 A
Rated voltage 63 V
Rated surge voltage 1.5 kV
Number of positions 5
Coding L - Power
Standards/regulations M12 connector IEC 61076-2-111 In line with
Signal type/category Power
Overvoltage category III
Degree of pollution 3
Connection method Solder pins
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 Zinc die-cast, nickel-plated
Cable
Standards/specifications M12 connector IEC 61076-2-111 In line with
Standards and Regulations
Standard designation M12 connector
Standards/regulations I...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-DSI-M12FSL4FEM16XL-L180GR 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.