INDUSTRIAL COMPONENT DATA

SACC-CI-M12MSL-4FE-L180 THR SH GR T 1425597 PHOENIX CONTACT Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: 1425597



Manufacturer	PHOENIX CONTACT
MPN / Reference	1425597
Catalog number	SACC-CI-M12MSL-4FE-L180 THR SH GR T
Category	Contact insert for circular connectors
Minimum order	60 Pcs
Document ID	EO-8B690A81C4
Generated	2026-11-19

Product Overview

Flush-type connector
Incorp. mount plug-in connector, Power, 5-pole, Male connector, straight, L - Power, Printed circuit board mounting, THR welding connection

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 1425597
Packing unit 60 pc
Minimum order quantity 60 pc
Note Made to Order (non-returnable)
GTIN 4055626427270
Weight per Piece (excluding packing) 5.040 g
Custom tariff number 85366990
Country of origin DE (Germany)
Ambient conditions
Ambient temperature (operation) -25 °C ... 105 °C
-40 °C ... 105 °C (without mechanical actuation)
Degree of protection IP67 (correctly plugged in and locked)

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 THR solder connection
Insertion/withdrawal cycles > 100
Mounting type PCB mounting
Type of packaging Tray
Delivery state with assembly pad
Material
Flammability rating according to UL 94 V0
Contact material CuZn
Contact surface material Au
Contact carrier material PA4T
Sealing material FKM
Cable
Standards/specifications M12 connector IEC 61076-2-111 In line with
Standards and...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / 1425597 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.