

INDUSTRIAL COMPONENT DATA

VC-TFS 5/1M-PEA 1607502 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: VC-TFS 5/1M-PEA



Manufacturer	PHOENIX CONTACT
MPN / Reference	VC-TFS 5/1M-PEA
Catalog number	1607502
Category	Contact insert for rectangular connectors
Minimum order	5 Pcs
Document ID	EO-C197247D48
Generated	2026-07-29

Product Overview

Contact insert

Contact insert with integrated bobbin frame, 1 free module station, VC 4 design, 4 poles + PE, 690 V / 70 A

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 1607502

Packing unit 5 pc

Minimum order quantity 5 pc

Note Made to Order (non-returnable)

Catalog page Page 33 (C-2-2013)

GTIN 4017918969165

Weight per Piece (excluding packing) 61.560 g

Custom tariff number 85366990

Country of origin PL (Poland)

General

Note Connectors may only be connected/disconnected when under no load.

Connection technology Screw connection

Connection method Screw connection

Tightening torque 1.2 Nm ... 1.8 Nm

Degree of pollution 3

Number of positions 4+PE

Insertion/withdrawal cycles ≥ 50

Size VC4

Conductor cross section AWG min. 20

Conductor cross section AWG max. 6

2 conductors with same cross section, solid min. 0.5 mm²

2 conductors with same cross section, solid max. 6 mm²

2 conductors with same cross section, stranded min. 0.5 mm²

2 conductors with same cross section, stranded max. 4 mm²

Conductor cross section 0.5 mm² ... 16 mm²

Connection cross section AWG 20 ... 6

Stripping length of the individual wire 14 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 100 °C

Material data

Housing material PA

Contact material CuZn

Contact surface material hard-silver plated

Contact carrier material PA

Electrical characteristics

Rated voltage (III/3) 690 V

Rated surge voltage 6 kV

6 kV

Rated current 70 A

70 A

Standards and Regulations

Connection in acc. with standard CUL

Flammability rating according to UL 94 V0

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VC-TFS 5/1M-PEA 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.