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-5002D74A17
Generated	2026-11-18

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)
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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

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