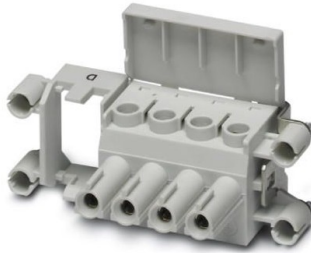


## INDUSTRIAL COMPONENT DATA

## VC-TFS 4/1M-PEA 1607488 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: VC-TFS 4/1M-PEA



|                 |                                           |
|-----------------|-------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                           |
| MPN / Reference | VC-TFS 4/1M-PEA                           |
| Catalog number  | 1607488                                   |
| Category        | Contact insert for rectangular connectors |
| Minimum order   | 5 Pcs                                     |
| Document ID     | EO-993C3DAF6A                             |
| Generated       | 2026-08-03                                |

## Product Overview

Contact insert

Contact insert with integrated bobbin frame, 1 free module station, VC 3 design, 3 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 &amp; Catalog Path

Catalog path PHOENIX CONTACT &gt; Field Device Connectors (FDC)

## Additional Product Information

Key Commercial Data

Orderkey 1607488

Packing unit 5 pc

Minimum order quantity 5 pc

Note Made to Order (non-returnable)

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GTIN 4017918969141

Weight per Piece (excluding packing) 50.100 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 3+PE

Insertion/withdrawal cycles  $\geq 50$

Size VC3

Conductor cross section AWG min. 20

Conductor cross section AWG max. 6

2 conductors with same cross section, solid min. 0.5 mm<sup>2</sup>

2 conductors with same cross section, solid max. 6 mm<sup>2</sup>

2 conductors with same cross section, stranded min. 0.5 mm<sup>2</sup>

2 conductors with same cross section, stranded max. 4 mm<sup>2</sup>

Conductor cross section 0.5 mm<sup>2</sup> ... 16 mm<sup>2</sup>

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 4/1M-PEA with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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