INDUSTRIAL COMPONENT DATA

# VC-TFS 2 1852846 PHOENIX CONTACT Contact insert

**Brand: PHOENIX CONTACT | Manufacturer Part Number: VC-TFS 2**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | VC-TFS 2 |
| Catalog number | 1852846 |
| Category | Accessories/spare parts for industrial connectors |
| Minimum order | 50 Pcs |
| Document ID | EO-2CD3A4655E |
| Generated | 2026-11-18 |

## Product Overview

Contact insert
Contact insert, Family of items: VARIOCON, housing material: Polyamide, color: light gray, number of poles: 2, min. conductor section: 0.25 mm², max. conductor section: 4 mm², nominal voltage: 400, assigned current: 20 A, Connection type: Screw connection, Contact connection type: Female. Plug-in connectors should be operated only in an inert (unloaded) state.

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 1852846
Packing unit 50 pc
Catalog page Page 33 (C-2-2013)
GTIN 4017918127145
Weight per Piece (excluding packing) 8.730 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 0.5 Nm ... 0.6 Nm
Degree of pollution 3
Number of positions 2
Insertion/withdrawal cycles >= 100
2 conductors with same cross section, solid min. 0.2 mm²
2 conductors with same cross section, solid max. 2.5 mm²
2 conductors with same cross section, stranded min. 0.2 mm²
2 conductors with same cross section, stranded max. 2.5 mm²
Conductor cross section 0.2 mm² ... 4 mm²
Connection cross section AWG 24 ... 12
Stripping length of the individual wire 10 mm
Ambient conditions
Ambient temperature (operation) -40 °C ... 100 °C
Material data
Housing material PA
Contact material CuZn
Contact surface material Tin-plated
Contact carrier material PA
Electrical characteristics
Rated voltage (III/3) 400 V
Rated surge voltage 6 kV
6 kV
Rated current 20 A
20 A
Standards and Regulations
Connection in acc. with standard CUL
Flammability rating according to UL 94 V0
Environmental Product Compliance
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”
Classifications
eCl@ss 4.027140816eCl@ss 4.127140816eCl@ss 5.027371205e...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VC-TFS 2 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.