

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-CCAEBDB58E
Generated	2026-08-01

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)
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Additional Product Information

Key Commercial Data

Orderkey 1852846

Packing unit 50 pc

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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

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