

INDUSTRIAL COMPONENT DATA

VC-AML 4 1607509 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: VC-AML 4



Manufacturer	PHOENIX CONTACT
MPN / Reference	VC-AML 4
Catalog number	1607509
Category	Accessories/spare parts for industrial connectors
Minimum order	10 Pcs
Document ID	EO-90F3DEAB4E
Generated	2026-07-31

Product Overview

Contact insert

Contact insert, Article family: VARIOCON, construction: VC2, housing material: PA, color: light gray, number of poles: 4, nominal voltage: 690, assigned current: 63 A, Connection type: Connection for printed circuit boards, Contact connection type: Male. 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 1607509

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

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GTIN 4017918943585

Weight per Piece (excluding packing) 26.240 g

Custom tariff number 85366990

Country of origin PL (Poland)

General

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

Connection technology Solder connection

Connection method Solder connection

Degree of pollution 3

Number of positions 3+PE

Insertion/withdrawal cycles ≥ 50

Size VC2

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

Nominal voltage UN 690 V

Rated surge voltage 6 kV

6 kV

Rated current 63 A

70 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: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.027140816eCl@ss 4.127140816eCl@ss 5.027143424eCl@ss 5.127261200eCl@ss 6.027261200eCl@ss 7.027440205eCl@ss 8.027440205eCl@ss 9.027440205

ETIM 2.0EC000438ETIM 3.0EC000438ETIM 4.0EC000438ETIM 5.0EC000438ETIM 6.0EC000438

UNSPSC 6.0130211923UNSPSC 7.090139121522UNSPSC 1139121522UNSPSC 12.0139121522UNSPSC 13.239121522

ETIM for 1607509 Connectors (EC003557)

Feature Name

Fea...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VC-AML 4 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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