INDUSTRIAL COMPONENT DATA

VC-AML 7 1607537 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: VC-AML 7



Manufacturer	PHOENIX CONTACT
MPN / Reference	VC-AML 7
Catalog number	1607537
Category	Contact insert for rectangular connectors
Minimum order	5 Pcs
Document ID	EO-8CC641CD1A
Generated	2026-11-18

Product Overview

Contact insert
Contact insert, Family of items: VARIOCON, construction: VC4, housing material: PA, color: light gray, number of poles: 7, rated 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.
Contact insert, Range of articles: VARIOCON, design: VC4, housing material: PA, color: light grey, number of positions: 7, rated voltage: 690, rated current: 63 A, Connection method: PCB connection, Contact connection type: Pin, Connectors may only be connected/disconnected when under no load.

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 1607537
Packing unit 5 pc
Minimum order quantity 5 pc
Note Made to Order (non-returnable)
Catalog page Page 26 (C-2-2013)
GTIN 4017918969189
Weight per Piece (excluding packing) 44.700 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 6+PE
Insertion/withdrawal cycles >= 50
Size VC4
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

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VC-AML 7 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES
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