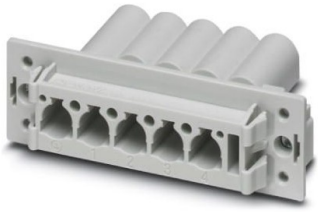
INDUSTRIAL COMPONENT DATA

VC-AMC 5 1583878 PHOENIX CONTACT Contact carriers

Brand: PHOENIX CONTACT | Manufacturer Part Number: VC-AMC 5



Manufacturer	PHOENIX CONTACT
MPN / Reference	VC-AMC 5
Catalog number	1583878
Category	Housing for rectangular connectors
Minimum order	5 Pcs
Document ID	EO-97FE96845C
Generated	2026-11-18

Product Overview

Contact carriers
Contact support, Family of items: VARIOCON, construction: VC3, housing material: PA 6.6, color: light gray, number of poles: 5, nominal voltage: 690, assigned current: 70 A, Connection type: Crimp connection, 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 1583878
Packing unit 5 pc
Minimum order quantity 5 pc
Note Made to Order (non-returnable)
Catalog page Page 28 (C-2-2013)
GTIN 4046356569637
Weight per Piece (excluding packing) 27.840 g
Custom tariff number 85472000
Country of origin PL (Poland)
General
Note Connectors may only be connected/disconnected when under no load.
Connection technology Crimp connection

Connection method Crimp connection
Degree of pollution 3
Number of positions 4+PE
Insertion/withdrawal cycles >= 50
Size VC3
Conductor cross section AWG min. 12
Conductor cross section AWG max. 6
Conductor cross section 4 mm² ... 16 mm²
Ambient conditions
Ambient temperature (operation) -40 °C ... 100 °C
Material data
Housing material PA 6.6
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
Rated current 70 A
70 A
Standards and Regulations
Halogen-free yes
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 7.027440202eCl@ss 8.027440202eCl@ss 9.027440202
ETIM 4.0EC000437ETIM 5.0EC000437ETIM 6.0EC000437
UNSPSC 6.0130211923UNSPSC 7.090139121522UNSPSC 1139121522UNSPSC 12.0139121522UNSPSC 1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VC-AMC 5 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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