INDUSTRIAL COMPONENT DATA

VC-AMS 7 1607751 PHOENIX CONTACT Contact insert

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	VC-AMS 7
Catalog number	1607751
Category	Contact insert for rectangular connectors
Minimum order	5 Pcs
Document ID	EO-7C4B9603F3
Generated	2026-11-18

Product Overview

Contact insert
Contact insert, Article family: VARIOCON, construction: VC4, housing material: PA, color: light gray, number of poles: 7, min. conductor section: 0.5 mm², max. conductor section: 16 mm², nominal voltage: 690, assigned current: 70 A, Connection type: Screw 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 1607751
Packing unit 5 pc
Minimum order quantity 5 pc
Note Made to Order (non-returnable)
Catalog page Page 25 (C-2-2013)
GTIN 4017918969219
Weight per Piece (excluding packing) 78.290 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 1.2 Nm ... 1.8 Nm
Degree of pollution 3
Number of positions 6+PE
Insertion/withdrawal cycles >= 50
Size VC4
Conductor cross section AWG min. 20
Conductor cross section AWG max. 6
Conductor cross section 0.5 mm² ... 16 mm²
Connection cross section AWG 20 ... 5
Stripping length of the individual wire 12 mm
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
Rated surge voltage 6 kV
6 kV
Rated current 70 A
70 A
Standards and Regulations
Connection in acc. with standard CUL
Flammability rating according to UL 94 V0
Environmental Product Compliance
REACh SVHC Lead 7439-92-1
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 5.027143424eCl@ss 5.127261200eCl@ss 6.027261200eCl@ss 7.027440205e...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VC-AMS 7 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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