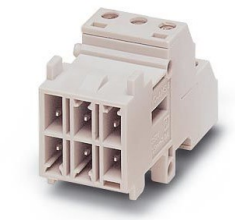
INDUSTRIAL COMPONENT DATA

VC-AMS 6 1854019 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: VC-AMS 6



Manufacturer	PHOENIX CONTACT
MPN / Reference	VC-AMS 6
Catalog number	1854019
Category	Accessories/spare parts for industrial connectors
Minimum order	50 Pcs
Document ID	EO-ECA0F9705D
Generated	2026-11-18

Product Overview

Contact insert
Contact insert, Article family: VARIOCON, housing material: Polyamide, color: light gray, number of poles: 6, min. conductor section: 0.14 mm², max. conductor section: 1.5 mm², nominal voltage: 250, assigned current: 10 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 1854019
Packing unit 50 pc
Catalog page Page 25 (C-2-2013)
GTIN 4017918144104
Weight per Piece (excluding packing) 8.090 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 0.22 Nm ... 0.25 Nm

Degree of pollution 3
Number of positions 6
Insertion/withdrawal cycles >= 100
Conductor cross section AWG min. 28
Conductor cross section AWG max. 16
2 conductors with same cross section, solid min. 0.14 mm²
2 conductors with same cross section, solid max. 0.5 mm²
2 conductors with same cross section, stranded min. 0.14 mm²
2 conductors with same cross section, stranded max. 0.75 mm²
Conductor cross section 0.14 mm² ... 1.5 mm²
Connection cross section AWG 28 ... 16
Stripping length of the individual wire 6 mm
Ambient conditions
Ambient temperature (operation) -40 °C ... 100 °C
Material data
Housing material PA 6.6
Contact material CuZn
Contact surface material Tin-plated
Contact carrier material PA
Electrical characteristics
Rated voltage (III/3) 250 V
Rated surge voltage 4 kV
4 kV
Rated current 10 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 = 50
For details about hazardous substances go to tab “Downloads”, Category “Manu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VC-AMS 6 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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