

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-7B4AE4E36A
Generated	2026-07-29

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 mm^2
2 conductors with same cross section, solid max. 0.5 mm^2
2 conductors with same cross section, stranded min. 0.14 mm^2
2 conductors with same cross section, stranded max. 0.75 mm^2
Conductor cross section $0.14 \text{ mm}^2 \dots 1.5 \text{ mm}^2$
Connection cross section AWG 28 ... 16
Stripping length of the individual wire 6 mm
Ambient conditions
Ambient temperature (operation) $-40^\circ\text{C} \dots 100^\circ\text{C}$
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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.