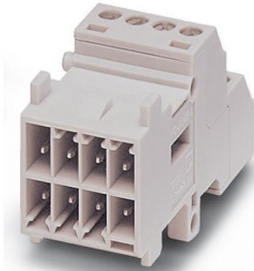


INDUSTRIAL COMPONENT DATA

VC-AMS 8 1854022 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: VC-AMS 8



Manufacturer	PHOENIX CONTACT
MPN / Reference	VC-AMS 8
Catalog number	1854022
Category	Accessories/spare parts for industrial connectors
Minimum order	50 Pcs
Document ID	EO-4825122C8A
Generated	2026-08-02

Product Overview

Contact insert

Contact insert, Product family: VARIOCON, housing material: Polyamide, color: light gray, number of poles: 8, min. conductor section: 0.14 mm², max. conductor section: 1.5 mm², nominal voltage: 160, 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 1854022

Packing unit 50 pc

Catalog page Page 25 (C-2-2013)

GTIN 4017918144111

Weight per Piece (excluding packing) 9.080 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 8

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 8 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 100 °C

Material data

Contact material CuZn

Contact surface material Tin-plated

Contact carrier material PA

Electrical characteristics

Rated voltage (III/3) 160 V

Rated surge voltage 2.5 kV

2.5 kV

Rated current 10 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 = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classificatio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VC-AMS 8 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.