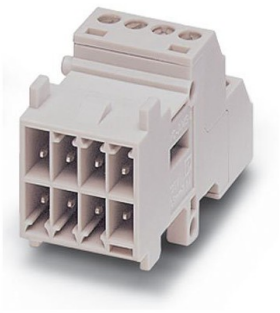
INDUSTRIAL COMPONENT DATA

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-6965FA993B
Generated	2026-11-18

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.

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.