

INDUSTRIAL COMPONENT DATA

VC-AR1/2M-S22-SET 1607298 PHOENIX CONTACT Contact insert set

Brand: PHOENIX CONTACT | Manufacturer Part Number: VC-AR1/2M-S22-SET



Manufacturer	PHOENIX CONTACT
MPN / Reference	VC-AR1/2M-S22-SET
Catalog number	1607298
Category	Accessories/spare parts for industrial connectors
Minimum order	5 Pcs
Document ID	EO-1AC634C5B3
Generated	2026-07-29

Product Overview

Contact insert set

Contact insert set, Article family: VARIOCON, construction: VC1, housing material: PA, number of poles: 4, min. conductor cross-section: 0.2 mm², max. conductor cross-section: 4 mm², nominal voltage: 400, assigned current: 20 A, 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 1607298

Packing unit 5 pc

Minimum order quantity 5 pc

Note Made to Order (non-returnable)

Catalog page Page 24 (C-2-2013)

GTIN 4017918941031

Weight per Piece (excluding packing) 38.600 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 0.5 Nm ... 0.6 Nm

Degree of pollution 3

Number of positions 3+PE

Insertion/withdrawal cycles ≥ 50

Size VC1

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 4 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 4 mm²

Conductor cross section 0.2 mm² ... 4 mm²

Connection cross section AWG 24 ... 12

Stripping length of the individual wire 7 mm

Ambient conditions

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

Material data

Housing material PA

Contact material CuZn

Contact surface material Tin-plated

Contact carrier material PA

Electrical characteristics

Rated voltage (III/3) 400 V

Nominal voltage UN 400 V

Rated surge voltage 6 kV

6 kV

Rated current 20 A

20 A

Nominal current IN 20 A

Standards and Regulations

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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VC-AR1/2M-S22-SET 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.