INDUSTRIAL COMPONENT DATA

VC-AR2/3M-S222-SET 1607311 PHOENIX CONTACT Contact insert set

Brand: PHOENIX CONTACT | Manufacturer Part Number: VC-AR2/3M-S222-SET



Manufacturer	PHOENIX CONTACT
MPN / Reference	VC-AR2/3M-S222-SET
Catalog number	1607311
Category	Contact insert for rectangular connectors
Minimum order	5 Pcs
Document ID	EO-B606762CEA
Generated	2026-11-18

Product Overview

Contact insert set
Contact insert set, Article family: VARIOCON, construction: VC2, housing material: PA, number of poles: 6, min. conductor section: 0.2 mm², max. conductor 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 1607311
Packing unit 5 pc
Minimum order quantity 5 pc
Note Made to Order (non-returnable)
Catalog page Page 24 (C-2-2013)
GTIN 4017918941048
Weight per Piece (excluding packing) 46.670 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 5+PE
Insertion/withdrawal cycles >= 50
Size VC2
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 30 ... 10
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 Nickel-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
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@ss 4.027140816eCl@ss...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VC-AR2/3M-S222-SET with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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