INDUSTRIAL COMPONENT DATA

VC-AR1/2M-S88-SET 1607394 PHOENIX CONTACT Contact insert set

Brand: PHOENIX CONTACT | Manufacturer Part Number: VC-AR1/2M-S88-SET



Manufacturer	PHOENIX CONTACT
MPN / Reference	VC-AR1/2M-S88-SET
Catalog number	1607394
Category	Contact insert for rectangular connectors
Minimum order	5 Pcs
Document ID	EO-E522B882FA
Generated	2026-11-18

Product Overview

Contact insert set
Contact insert set, Article family: VARIOCON, construction: VC1, housing material: PA, number of poles: 16, minimum conductor cross-section: 0.14 mm², max. conductor cross-section: 1.5 mm², nominal voltage: 160, assigned current: 10 A, Contact connection type: Male. Plug-in connectors should be operated only in an inert (unloaded) state.
Contact insert set, Article family: VARIOCON, Design: VC1, Material housing: PA, Number of poles: 16, Core cross-section min.: 0.14 mm2, Core cross-section max.: 1.5 mm2, Rated voltage: 160, Rated current: 10 A, Contact type: Pin, Connectors may only be operated without power.

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 1607394
Packing unit 5 pc
Minimum order quantity 5 pc
Catalog page Page 24 (C-2-2013)
GTIN 4017918941116
Weight per Piece (excluding packing) 42.550 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 15+PE
Insertion/withdrawal cycles >= 100
Size VC1
Conductor cross section solid min. 0.14 mm²
Conductor cross section solid max. 1.5 mm²
Conductor cross section flexible min. 0.14 mm²
Conductor cross section flexible 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 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) 160 V
Nominal voltage UN 160 V
Rated surge voltage 2.5 kV
2.5 kV
Rated current 10 A
10 A
Nominal current IN 10 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 4.027140816...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VC-AR1/2M-S88-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

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