

INDUSTRIAL COMPONENT DATA

ZEC 1,0/12-ST-3,5 C2 R1,12BDSH 1936238 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZEC 1,0/12-ST-3,5 C2 R1,12BDSH



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZEC 1,0/12-ST-3,5 C2 R1,12BDSH
Catalog number	1936238
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-197FE4AED5
Generated	2026-08-05

Product Overview

Printed-circuit board connector

Direct connector for printed circuit board, nominal section: 1 mm², color: green, nominal current: 8 A, nominal voltage (III/2): 200 V, contact surface: Tin, contact type: Female, number of potentials: 12, number of rows: 1, number of poles: 12, number of connections: 12, family of articles: ZEC 1.0/.. -ST, pitch: 3.5mm, connection type: Spring connection, mounting: Direct plug-in connection technique, conductor/printed circuit board connection direction: 0°, plug-in system: ZEC, locking: Snap-in lock, fixing type: Snap flange, packing type: boxed

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 > PCB Connectors (PCC)
--------------	--

Additional Product Information

Key Commercial Data

Orderkey 1936238

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4017918618889

Weight per Piece (excluding packing) 13.350 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Pitch 3.5 mm

Dimension a 42 mm

General

Range of articles ZEC 1,0/...-ST

Number of positions 12

Connection method Spring-cage connection

Insulating material group I

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 125 V

Rated voltage (III/2) 200 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current I_N 8 A

Nominal cross section 1 mm²

Maximum load current 8 A (with 1 mm² conductor cross section)

Insulating material PA

Flammability rating according to UL 94 V0

Stripping length 7 mm

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 1 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 1 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 1 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.75 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 16

2 conductors with same cross section, stranded, TWIN ferrules....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZEC 1,0/12-ST-3,5 C2 R1,12BDSH 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.