

INDUSTRIAL COMPONENT DATA

ZEC 1,0/ 8-ST-3,5 C3 R1,8 1701453 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZEC 1,0/ 8-ST-3,5 C3 R1,8



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZEC 1,0/ 8-ST-3,5 C3 R1,8
Catalog number	1701453
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-0DE31056DB
Generated	2026-08-04

Product Overview

Plug

Direct connector for printed circuit board, nominal section: 1 mm², color: green, nominal current: 8 A, dimensioning voltage (III/2): 200 V, contact surface: Tin, contact type: Female connection, Number of potentials: 8, Number of rows: 1, Number of poles per row: 8, number of connections: 8, family of articles: ZEC 1.0/.. -ST, pitch: 3.5 mm, connection type: Spring connection, mounting: Direct plug-in connection technique, conductor/printed circuit board connection direction: 0 °, Stecksystem: ZEC, Locking: Snap lock, packaging 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 1701453

Packing unit 1

GTIN 4046356535847

Custom tariff number 85366930

Dimensions

Pitch 3.5 mm

Dimension a 24.5 mm

General

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

Number of positions 8

Connection method Spring-cage connection

Rated voltage (III/3) 160 V

Connection in acc. with standard EN-VDE

Nominal current I_N 8 A

Nominal cross section 1 mm²

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 with plastic sleeve, min. 0.5 mm²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 0.5 mm²

Minimum AWG according to UL/CUL 26

Maximum AWG according to UL/CUL 16

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZEC 1,0/ 8-ST-3,5 C3 R1,8 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.