INDUSTRIAL COMPONENT DATA

ZEC 1,0/ 8-ST-3,5 C1 R1,8BD1-8 1954155 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZEC 1,0/ 8-ST-3,5 C1 R1,8BD1-8



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZEC 1,0/ 8-ST-3,5 C1 R1,8BD1-8
Catalog number	1954155
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-5000AF6F96
Generated	2026-11-18

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: 8, number of rows: 1, number of poles: 8, number of connections: 8, 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 1954155
Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
GTIN 4017918896386
Weight per Piece (excluding packing) 8.880 g
Custom tariff number 85366990
Country of origin DE (Germany)
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 IN 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 friend...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZEC 1,0/ 8-ST-3,5 C1 R1,8BD1-8 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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.