

## INDUSTRIAL COMPONENT DATA

# ZEC 1,0/ 7-ST-3,5 C1 R1,7 1893737 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZEC 1,0/ 7-ST-3,5 C1 R1,7



|                 |                           |
|-----------------|---------------------------|
| Manufacturer    | PHOENIX CONTACT           |
| MPN / Reference | ZEC 1,0/ 7-ST-3,5 C1 R1,7 |
| Catalog number  | 1893737                   |
| Category        | Cable connector           |
| Minimum order   | 50 Pcs                    |
| Document ID     | EO-C2C24F44D7             |
| Generated       | 2026-08-04                |

### Product Overview

Printed-circuit board connector

Direct connector for printed circuit board, nominal section: 1 mm<sup>2</sup>, color: green, nominal current: 8 A, nominal voltage (III/2): 200 V, contact surface: Tin, contact type: Female, number of potentials: 7, number of rows: 1, number of poles: 7, number of connections: 7, 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 1893737

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4017918161286

Weight per Piece (excluding packing) 8.130 g

Custom tariff number 85366930

Country of origin GR (Greece)

Dimensions

Length [ l ] 24.05 mm  
Width [ w ] 29.4 mm  
Height [ h ] 17.5 mm  
Pitch 3.5 mm  
Dimension a 24.5 mm  
General  
Range of articles ZEC 1,0/...-ST  
Number of positions 7  
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) 160 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 mm<sup>2</sup>  
Maximum load current 8 A (with 1 mm<sup>2</sup> 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 mm<sup>2</sup>  
Conductor cross section solid max. 1 mm<sup>2</sup>  
Conductor cross section flexible min. 0.2 mm<sup>2</sup>  
Conductor cross section flexible max. 1 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule without plastic sleeve max. 1 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule with plastic sleeve max. 0.75 mm<sup>2</sup>  
Conductor cross section AWG min. 24  
Conductor cross section AWG max. 16  
2 c...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZEC 1,0/ 7-ST-3,5 C1 R1,7 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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