

**INDUSTRIAL COMPONENT DATA**

# ZEC 1,0/ 8-ST-3,5C2R1,8YEBDM12 1705106 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZEC 1,0/ 8-ST-3,5C2R1,8YEBDM12



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | ZEC 1,0/ 8-ST-3,5C2R1,8YEBDM12 |
| Catalog number  | 1705106                        |
| Category        | Cable connector                |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-D540999E56                  |
| Generated       | 2026-08-04                     |

## Product Overview

Printed-circuit board connector

Direct connector for printed circuit board, nominal section: 1 mm<sup>2</sup>, color: yellow, 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: 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, connection direction conductor/printed circuit board: 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

Direct connector, nominal current: 8 A, number of positions: 8, pitch: 3.5 mm, connection method: Spring-cage connection, color: yellow, contact surface: Tin, mounting: Direct plug-in method

Key Commercial Data

Orderkey 1705106

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356009713

Weight per Piece (excluding packing) 8.950 g

Custom tariff number 85366930

Country of origin GR (Greece)

General

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

Type of contact Female connector

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 mm<sup>2</sup>

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 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm<sup>2</sup>

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 0.5 mm<sup>2</sup>

Minimum AWG according to UL...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZEC 1,0/ 8-ST-3,5C2R1,8YEBDM12 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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