INDUSTRIAL COMPONENT DATA

ZEC 1,0/ 6-ST-3,5 R1,6 1704432 PHOENIX CONTACT Direct plug-in connector, rated current: 8 A, number of poles..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZEC 1,0/ 6-ST-3,5 R1,6

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	ZEC 1,0/ 6-ST-3,5 R1,6
Catalog number	1704432
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-BF3A9BB68A
Generated	2026-11-19

Product Overview

Direct plug-in connector, rated current: 8 A, number of poles: 6, pitch: 3.5 mm, connection type: Spring connection, color: green, contact surface: Tin, mounting: Direct plug-in technology
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: 6, number of rows: 1, number of poles: 6, number of connections: 6, 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

Direct connector, nominal current: 8 A, number of positions: 6, pitch: 3.5 mm, connection method: Spring-cage connection, color: green, contact surface: Tin, mounting: Direct plug-in method
Your advantages
Defined contact force ensures that contact remains stable over the long termInexpensive direct plug-in connection with just one componentClamping space opened by means of fixed screwdriver enables convenient conductor connectionPlug-in direction parallel to the PCBKey Commercial Data
Orderkey 1704432
Packing unit 1
GTIN 4046356714570

Custom tariff number 85366930
General
Range of articles ZEC 1,0/..-ST
Type of contact Female connector
Number of positions 6
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,....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZEC 1,0/ 6-ST-3,5 R1,6 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.