

INDUSTRIAL COMPONENT DATA

ZFK3DSA 1,5-5,08-DS 1706167 PHOENIX CONTACT PCB terminal block, Nominal current: 12 A, Nom. voltage: 400 V, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZFK3DSA 1,5-5,08-DS



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZFK3DSA 1,5-5,08-DS
Catalog number	1706167
Category	Printed circuit board terminal
Minimum order	2000 Pcs
Document ID	EO-537310ECB4
Generated	2026-08-01

Product Overview

PCB terminal block, Nominal current: 12 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: green
Terminal block for printed circuit board, nominal current: 12 A, nominal voltage (III/2): 400 V, nominal cross-section: 1.5 mm², number of potentials: 3, number of rows: 3, number of poles per row: 1, article family: ZFK3DS(A) 1.5, pitch: 5.08 mm, connection type: Spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.4 mm, number of solder pins per potential: 1, 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)
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Additional Product Information

Dimensions

Length 32.2 mm

Pitch 5.08 mm

Constructional height 37 mm

Length of the solder pin 3.4 mm

Pin dimensions 0,7 x 1 mm

Hole diameter 1.3 mm

General

Range of articles ZFK3DS(A) 1,5

Insulating material group I
Rated surge voltage (III/3) 4 kV
Rated surge voltage (III/2) 4 kV
Rated surge voltage (II/2) 4 kV
Rated voltage (III/3) 250 V
Rated voltage (III/2) 400 V
Rated voltage (II/2) 630 V
Connection in acc. with standard EN-VDE
Nominal current I_N 12 A
Nominal cross section 1.5 mm²
Maximum load current 12 A
Insulating material PA
Solder pin surface Sn
Flammability rating according to UL 94 V0
Internal cylindrical gage A1
Stripping length 7.5 mm
Number of positions 1
Connection data
Conductor cross section AWG min. 24
Conductor cross section AWG max. 14
ETIM for 1706167 Connectors (EC002643)
Feature Name
Feature Value
Height (EF000040)
40 mm
Number of electrical connections (EF008252)
3
Number of levels (EF002659)
3
Modular spacing connections (EF006827)
5.08 mm
Rated current I_n (EF008250)
12 A
Rated voltage (EF000228)
400 V
Rated surge voltage (EF002993)
4 kV
Over voltage category (EF006785)
III
Pollution degree (EF006786)
2
Connection type conductor (EF006821)
Spring clamp connection
Connectable conductor cross section solid-core (EF007337)
0.2 mm²
Connectable conductor cross section fine-strand with cable end sleeve (EF007339)
0.25 mm²

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.2 mm²

Connectable conductor cross section multi-wi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZFK3DSA 1,5-5,08-DS 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

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