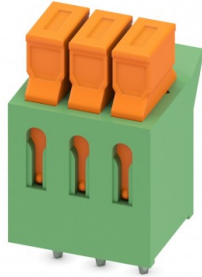


INDUSTRIAL COMPONENT DATA

IDC 0,3/ 3-3,81 1706183 PHOENIX CONTACT PCB terminal block, Nominal current: 5 A, Nom. voltage: 160 V, Pitch..

Brand: PHOENIX CONTACT | Manufacturer Part Number: IDC 0,3/ 3-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	IDC 0,3/ 3-3,81
Catalog number	1706183
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-B959375180
Generated	2026-07-28

Product Overview

PCB terminal block, Nominal current: 5 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 3, Connection method: Displacement connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green
Terminal block for printed circuit board, nominal current: 5 A, nominal voltage (III/2): 160 V, nominal cross-section: 0.34 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: IDC 0.3, pitch: 3.81 mm, connection type: Displacement connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.4 mm, number of welding pins per potential: 1, packaging type: boxed

PCB terminal block, rated current: 5 A, dimensioning voltage (III/2): 160 V, nominal cross-section: 0.34 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, product series: IDC 0.3, pitch: 3.81 mm, connection type: insulation displacement connection, mounting: wave soldering, conductor/board connection direction: 0°, Color: Green, Pin Layout: Linear Pinning, Pin Length [P]: 3.4mm, Number of Solder Pins per Potential: 1, Package Type: Packed in Carton

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 10 mm

Pitch 3.81 mm

Dimension a 7.62 mm

Constructional height 15 mm

Length of the solder pin 3.5 mm

Pin dimensions 1 x 0,4 mm

Hole diameter 1.3 mm

General

Range of articles IDC 0,3

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) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current I_N 5 A

Nominal cross section 0.34 mm²

Maximum load current 5 A (with 0.34 mm² conductor cross section)

Insulating material PA

Solder pin surface Sn

Flammability rating according to UL 94 V0

Number of positions 3

Connection data

Conductor cross section solid min. 0.13 mm²

Conductor cross section solid max. 0.34 mm²

Conductor cross section flexible min. 0.22 mm²

Conductor cross section flexible max. 0.34 mm²

Conductor cross section AWG min. 26

Conductor cross section AWG max. 22

Wire diameter incl. insulation 1.8 mm

ETIM for 1706183 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

22.2 mm

Number of electrical connections (EF008252)

3

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

3.81 mm

Rated current I_n (EF008250)

5 A

Rated voltage (EF000228)

160 V

Rated surge voltage (EF002993)

2.5 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connectable conductor cross section solid-core (EF007337)

0.13 mm²

Connectable conductor cross section fine-strand without cab...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IDC 0,3/ 3-3,81 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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