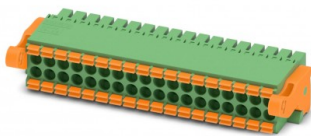


INDUSTRIAL COMPONENT DATA

DFMC 1,5/18-ST-3,5-LR 1790645 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: DFMC 1,5/18-ST-3,5-LR



Manufacturer	PHOENIX CONTACT
MPN / Reference	DFMC 1,5/18-ST-3,5-LR
Catalog number	1790645
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-49BCF896A6
Generated	2026-07-29

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 1.5 mm², color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact connection type: Female, number of potentials: 36, number of rows: 2, number of poles: 18, number of connections: 36, article family: DFMC 1.5/.. -ST-LR, pitch: 3.5 mm, connection type: Push-in spring connection, driver/printed circuit board connection direction: 0°, plug-in system: COMBICON DFMC 1.5, lock: Snap lock, fixing type: Lock & Release puller lever, packaging type: boxed

PCB connector, nominal cross-section: 1.5 mm², colour: green, rated current: 8 A, dimensioning voltage (III/2): 160 V, contact surface: Sn, contact connection type: Female, number of potentials: 36, number of rows: 2, number of poles: 18, number of connections: 36, product series: DFMC 1.5/.. -ST-LR, pitch: 3.5 mm, connection type: Push-in spring connection, conductor/board connection direction: 0 °, plug system: COMBICON DFMC 1.5, locking: Lock and Release, fixing type: Lock & Release ejection lever, 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)**

Additional Product Information

Key Commercial Data

Orderkey 1790645

Packing unit 50 pc

GTIN 4046356594707

Weight per Piece (excluding packing) 19.670 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [l] 27.79 mm

Width [w] 70 mm

Height [h] 13.25 mm

Pitch 3.5 mm

Dimension a 59.5 mm

General

Range of articles DFMC 1,5/..-ST-LR

Number of positions 18

Connection method Push-in spring 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) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current IN 8 A

Nominal cross section 1.5 mm²

Maximum load current 8 A

Insulating material PA

Flammability rating according to UL 94 V0

Internal cylindrical gage A1

Stripping length 10 mm

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 1.5 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 1.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 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

Minimum AWG according to UL/CUL 16

Maximum AWG accordin...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DFMC 1,5/18-ST-3,5-LR 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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