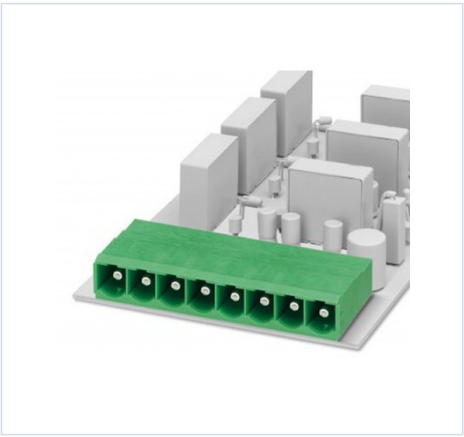
INDUSTRIAL COMPONENT DATA

PC 6-16/ 3-G-10,16 1913659 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6-16/ 3-G-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6-16/ 3-G-10,16
Catalog number	1913659
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-610899FF98
Generated	2026-11-19

Product Overview

Feed-through header
Printed circuit board base housing, nominal section: 6 mm², color: green, nominal current: 76 A (41 A in combination with PC 6 connector), nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Male, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, family of articles: PC 6-16/.. -G, pitch: 10.16 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 5 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 16, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: box-packed, The rated current of 76 A is valid in combination with connectors from the PC 16 family. In combination with PC 6 connectors, 41 A (50 A according to UL) is achieved.
PCB socket, nominal cross-section: 6 mm2, colour: green, rated current: 76 A (41 A in combination with PC 6 connector), dimensioning voltage (III/2): 1000 V, contact surface: Ag, contact connection type: plug, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, product series: PC 6-16/.. In combination with PC 6 connectors, 41 A (50 A according to UL) is achieved.

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 1913659
Packing unit 50 pc
Minimum order quantity 50 pc

Catalog page Page 194 (CC-2002)
GTIN 4017918179137
Weight per Piece (excluding packing) 11.200 g
Custom tariff number 85366930
Country of origin PL (Poland)
Dimensions
Length [l] 32 mm
Width 33.52 mm
Pitch 10.16 mm
Dimension a 20.32 mm
Width [w] 33.52 mm
Height [h] 18.7 mm
Height 13.7 mm
Length of the solder pin 5 mm
Pin dimensions 1 x 1.2 mm
Pin spacing 10.16 mm
Length 32 mm
General
Range of articles PC 6-16/..-G
Insulating material group I
Rated surge voltage (III/3) 8 kV
Rated surge voltage (III/2) 8 kV
Rated surge voltage (II/2) 6 kV
Rated voltage (III/3) 630 V
Rated voltage (III/2) 1000 V
Rated voltage (II/2) 1000 V
Connection in acc. with standard EN-VDE
Nominal current IN 76 A (41 A in combination with PC 6 plug)
Maximum load current 76 A
Color green
Number of positions 3
Standards and Regulations
Connection in acc. with standard EN-VDE
CUL
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
Classifications
eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440402eCl@ss 8.027440402eCl@ss 9.027440402
ETIM 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637
UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC 13.239121409

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6-16/ 3-G-10,16 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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