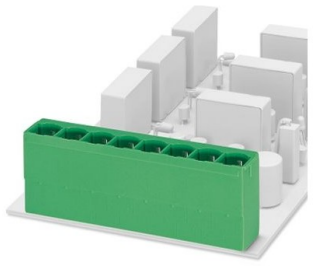
INDUSTRIAL COMPONENT DATA

PCV 6-16/ 3-G-10,16 BK 1797839 PHOENIX CONTACT Printed-circuit board connector

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PCV 6-16/ 3-G-10,16 BK
Catalog number	1797839
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-FA58D5ECC4
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Printed circuit board base housing, nominal section: 6 mm², color: black, 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: PCV 6-16/.. -G, pitch: 10.16 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 4 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 16, Plug-in face orientation: Standard, locking: without, fixing type: without, 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)

Additional Product Information

Key Commercial Data
Orderkey 1797839
Packing unit 1
GTIN 4046356646420
Custom tariff number 85366930
Dimensions
Pitch 10.16 mm
Dimension a 20.32 mm
Height 29 mm
Length of the solder pin 4 mm

Pin dimensions 0.8 x 1.2 mm
General
Range of articles PCV 6-16/..-G
Rated voltage (III/3) 630 V
Connection in acc. with standard EN-VDE
Nominal current IN 76 A
Color black
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 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637
UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC 13.239121409

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PCV 6-16/ 3-G-10,16 BK 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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