INDUSTRIAL COMPONENT DATA

# IMC 1,5/10-G-3,5 RN P20 THR 1830647 PHOENIX CONTACT Feed-through header

**Brand: PHOENIX CONTACT | Manufacturer Part Number: IMC 1,5/10-G-3,5 RN P20 THR**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | IMC 1,5/10-G-3,5 RN P20 THR |
| Catalog number | 1830647 |
| Category | Printed circuit board connector |
| Minimum order | 50 Pcs |
| Document ID | EO-A287CCA97A |
| Generated | 2026-11-18 |

## Product Overview

Feed-through header
Printed circuit board base case, nominal section: 1.5 mm², color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 10, number of rows: 1, number of poles: 10, number of connections: 10, family of articles: BMI 1.5/.. -G-RN-THR, pitch: 3.5 mm, mounting: Weld THR, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, number of solder pins per potential: 2, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, locking: Snap-in lock, fixing type: Socket protrusion, packaging type: boxed

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |

## Additional Product Information

Key Commercial Data
Orderkey 1830647
Packing unit 50 pc
Note Made to Order (non-returnable)
Catalog page Page 17 (NTK-2014)
GTIN 4046356887601
Weight per Piece (excluding packing) 3.630 g
Custom tariff number 85366930
Country of origin DE (Germany)
Dimensions

Length [ l ] 14.5 mm
Width 35.8 mm
Pitch 3.5 mm
Dimension a 31.5 mm
Width [ w ] 35.8 mm
Height [ h ] 8.3 mm
Height 6.3 mm
Length of the solder pin 2 mm
Pin dimensions 1.12 mm
Pin spacing 2.54 mm
Length 14.5 mm
General
Range of articles IMC 1,5/..-G-RN-THR
Insulating material group IIIa
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
Maximum load current 8 A
Insulating material LCP
Flammability rating according to UL 94 V0
Color black
Number of positions 10
Standards and Regulations
Connection in acc. with standard EN-VDE
CUL
Flammability rating according to UL 94 V0
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 / IMC 1,5/10-G-3,5 RN P20 THR 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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