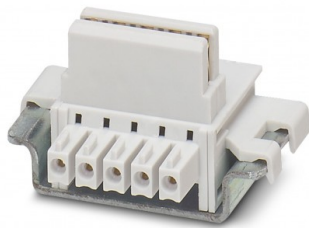


INDUSTRIAL COMPONENT DATA

ME 17,5 TBUS 1,5/4P1S KMGY 2201731 PHOENIX CONTACT

DIN rail bus connectors

Brand: PHOENIX CONTACT | Manufacturer Part Number: ME 17,5 TBUS 1,5/4P1S KMGY



Manufacturer	PHOENIX CONTACT
MPN / Reference	ME 17,5 TBUS 1,5/4P1S KMGY
Catalog number	2201731
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-2BDF37A647
Generated	2026-08-06

Product Overview

DIN rail bus connectors

Rail bus connectors, color: bright gray, rated current: 8 A, 8 A (parallel contacts) (serial contacts), rated voltage (III/2): 50 V, number of poles: 5, pitch: 3.81 mm, mounting: Rail mounting, locking: without, fixing type: without, packaging type: packed in box, Items with gold contacts, bus connectors for connection with electronics boxes, 4 parallel contacts/1 standard contact

DIN rail connector, color: light gray, nominal current: 8 A, 8 A (parallel contacts) (Serial contacts), rated voltage (III/2): 50 V, number of positions: 5, product range: TBUS5-17,5.., pitch: 3.81 mm, mounting: DIN rail mounting, locking: without, mounting: without, type of packaging: packed in cardboard, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 4 parallel contacts/1 serial contact

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 > Housing (HS)
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Additional Product Information

Technical dataNotesRecommendation Material of contact pads for bus connector, galvanic gold (hard gold)

Product propertiesProduct type DIN rail connector

Product family TBUS5-17,5..

Number of positions 5

Pitch 3.81 mm

Data management status

Article revision 04

Electrical propertiesNominal current I_N 8 A (parallel contacts)

Nominal voltage U_N 50 V

Contact resistance 4.4 m Ω

Rated voltage (III/2) 50 V

Rated surge voltage (III/2) 0.8 kV

Rated voltage (II/2) 50 V

Rated surge voltage (II/2) 0.5 kV

Material specificationsMaterial data - contact

Contact material Cu alloy

Surface characteristics gold-plated

Material data - housing

Color (Housing) light gray (7035)

Insulating material PA

Insulating material group I

CTI according to IEC 60112 600

Flammability rating according to UL 94 V0

material specifications - connector

Color ()

DimensionsPitch 3.81 mm

Width [w] 24.2 mm

Height [h] 36.3 mm

Length [l] 20.45 mm

MountingMounting type DIN rail mounting

Mechanical testsInsertion and withdrawal forces

Result Test passed

No. of cycles 25

Insertion strength per pos. approx. 6 N

Withdraw strength per pos. approx. 5 N

Contact holder in insert

Specification IEC 60512-15-1:2008-05

Contact holder in insert

Requirements >20 N Test passed

Polarization and coding

Specification IEC 60512-13-5:2006-02

Result Test passed

Visual inspection

Specification IEC 60512-1-1:2002-02

Result Test passed

Dimension check

Specification IEC 60512-1-2:2002-02

Result Test passed

Environmental and real-life condition...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ME 17,5 TBUS 1,5/4P1S KMGY 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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