

INDUSTRIAL COMPONENT DATA

RC/TGGM/KVD/LBL 16+3 1685505 PHOENIX CONTACT

Female connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC/TGGM/KVD/LBL 16+3



Manufacturer	PHOENIX CONTACT
MPN / Reference	RC/TGGM/KVD/LBL 16+3
Catalog number	1685505
Category	Housing for rectangular connectors
Minimum order	1 Pcs
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Product Overview

Female connector

M23 connection socket, 19 poles, straight, shielded, freely configurable, with solder connection, for cable outer diameters of 9.5 mm... 14.5 mm

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 > Field Device Connectors (FDC)

Additional Product Information

Key Commercial Data

Orderkey 1685505

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 316 (C-2-2017)

GTIN 4017918878900

Weight per Piece (excluding packing) 146.800 g

Custom tariff number 85366990

Country of origin DE (Germany)

General

Rated voltage 150 V

Total rated current 10 A (with 1 mm² conductor cross section)

Number of positions 19

Note The connector is designed for use on sensor/actuator boxes with an M23 plug-in connection.

Ambient conditions

Degree of protection IP65

IP67

Ambient temperature (operation) -20 °C ... 125 °C

Master cable data/connection data

Connection method M23 screw locking

Conductor cross section max. (signal) 1 mm²

Conductor cross section max. (energy) 1.5 mm²

External cable diameter min. 9.5 mm

External cable diameter max. 14.5 mm

Insulation material

Housing material GD-Zn

Housing surface material Nickel-plated

Contact material CuZn

Contact surface material gold-plated

Contact carrier material PBT

Sealing material FPM

Connection assignment

Slot/position = pin = conductor color 1 / 4 (A) = 15 = WH

1 / 2 (B) = 7 = GY/PK

2 / 4 (A) = 5 = GN

2 / 2 (B) = 4 = RD/BU

3 / 4 (A) = 16 = YE

3 / 2 (B) = 8 = WH/GN

4 / 4 (A) = 3 = GY

4 / 2 (B) = 14 = BN/GN

5 / 4 (A) = 17 = PK

5 / 2 (B) = 9 = WH/YE

6 / 4 (A) = 2 = RD

6 / 2 (B) = 13 = YE/BN

7 / 4 (A) = 11 = BK

7 / 2 (B) = 10 = WH/GY

8 / 4 (A) = 1 = VT

8 / 2 (B) = 18 = GY/BN

1-8 / 1 (+ 120 V) = 19 = BN

1-8 / 3 (0 V) = 6 = BU

1-8 / 5 (PE) = 12 = GN/YE

Environmental Product Compliance

China RoH...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC/TGGM/KVD/LBL 16+3 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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