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
Document ID	EO-5877825F01
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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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