

INDUSTRIAL COMPONENT DATA

DC-B 6-SET-TB-M20-M-7X4-UT 1581023 PHOENIX CONTACT T box

Brand: PHOENIX CONTACT | Manufacturer Part Number: DC-B 6-SET-TB-M20-M-7X4-UT



Manufacturer	PHOENIX CONTACT
MPN / Reference	DC-B 6-SET-TB-M20-M-7X4-UT
Catalog number	1581023
Category	Housing for rectangular connectors
Minimum order	1 Pcs
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Product Overview

T box

DUPLICON, Aluminium T-Box set with DUPLICON 6 x 4 mm² + PE contact insert with 2 screw connections per pole, B6 design, IP67 degree of protection, 2 threads for M20 cable gland (without cable gland)

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 > Industrial plug-in connectors/interfaces**

Additional Product Information

Key Commercial Data

Orderkey 1581023

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356154772

Weight per Piece (excluding packing) 619.300 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Height 122 mm

Ambient conditions

Degree of protection IP65/IP66/IP67

Ambient temperature (operation) -40 °C ... 100 °C

Electrical characteristics

Rated voltage (III/3) 400 V (L-PE)

690 V (L-L)

Rated surge voltage 6 kV

Rated current 25 A (with 4 mm² conductor cross section)

Maximum load current 32 A (L1/L2/L3)

Overvoltage category III

Degree of pollution 3

Material data

Contact material Copper alloy

Contact surface material Ag

Contact carrier material PA

Housing material Aluminum die-cast

Housing surface material uncoated

Seal material NBR

Locking latch material Stainless steel

Material grip body interlock PA

General

Type DC-B6

Color pearl gray

Insertion/withdrawal cycles ≥ 100

Number of positions 6

Stripping length of the individual wire 10 mm

Conductor cross section 0.2 mm² ... 4 mm² (6 mm² without ferrule)

Connection cross section AWG 24 ... 12

Tightening torque 0.5 Nm ... 0.6 Nm

Pg screw connection none

Type of the screw connection with M20 thread

Cable outlet lateral

Standards and Regulations

Connection in acc. with standard CUL

Flammability rating according to UL 94 V0

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substan...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DC-B 6-SET-TB-M20-M-7X4-UT 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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