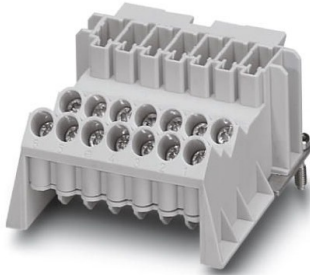


INDUSTRIAL COMPONENT DATA

DC-B 6-IBT-7X4-UT 1581065 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: DC-B 6-IBT-7X4-UT



Manufacturer	PHOENIX CONTACT
MPN / Reference	DC-B 6-IBT-7X4-UT
Catalog number	1581065
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-2A654BFEA0
Generated	2026-08-04

Product Overview

Contact insert

DUPLICON-T-Box 6 x 4 mm² + PE contact insert with 2 screw connections per pole, B6 construction

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 1581065

Packing unit 10 pc

Note Made to Order (non-returnable)

Catalog page Page 677 (C-2-2017)

GTIN 4046356154857

Weight per Piece (excluding packing) 61.550 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Height 26.5 mm

Ambient conditions

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

Overvoltage category III

Degree of pollution 3

Material data

Contact material Cu

Contact surface material Ag

Contact carrier material PA

General

Type DC-B6

Color gray

Insertion/withdrawal cycles ≥ 100

Number of positions 6

Stripping length of the individual wire 10 mm

Stripping length of the sheath 100 mm

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

Connection cross section AWG 24 ... 12 (AWG 10 without ferrule)

Tightening torque 0.5 Nm ... 0.6 Nm

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 substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027143424eCl@ss 5.127261200eCl@ss 6.027261200eCl@ss
7.027440205eCl@ss 8.027440205eCl@ss 9.027440205

ETIM 3.0EC000437ETIM 4.0EC000437ETIM 5.0EC000438ETIM 6.0EC000438

UNSPSC 6.0130211923U...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DC-B 6-IBT-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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