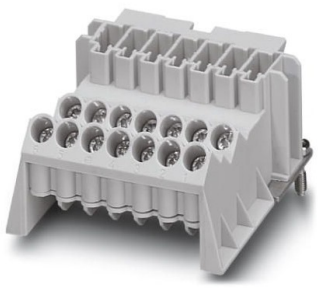
INDUSTRIAL COMPONENT DATA

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-56CEDA2DAF
Generated	2026-11-18

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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