

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


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DUPLICON T-box contact insert 6 x 4 mm² + PE with 2 screw connections per position, type B6



Key Commercial Data

Packing unit	10 pc
GTIN	 4 046356 154857
GTIN	4046356154857
Weight per Piece (excluding packing)	61.550 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Height	26.5 mm
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Ambient conditions

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

Material data

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 mm ² ... 4 mm ² (6 mm ² 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

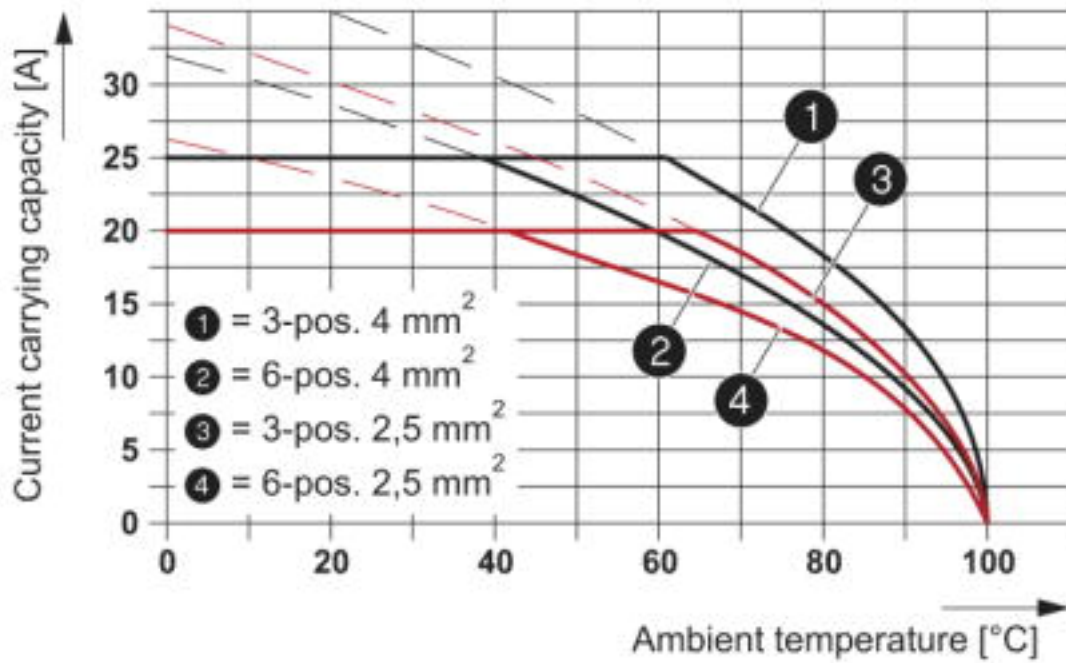
Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

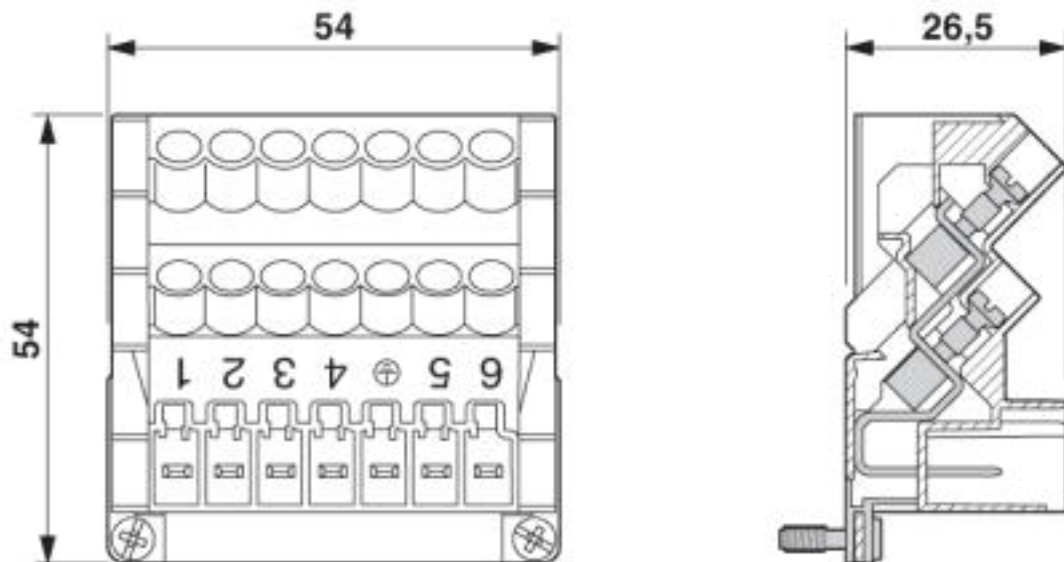
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Diagram



Derating diagram

Dimensional drawing



Dimensional drawing

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Classifications

eCl@ss

eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440205
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 3.0	EC000437
ETIM 4.0	EC000437
ETIM 5.0	EC000438
ETIM 6.0	EC000438
ETIM 7.0	EC000438

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522
UNSPSC 18.0	39121522
UNSPSC 19.0	39121522
UNSPSC 20.0	39121522
UNSPSC 21.0	39121522

Approvals

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UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / cULus Recognized

Ex Approvals

Approval details

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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN		600 V	
Nominal current IN		25 A	
mm ² /AWG/kcmil		12	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN		600 V	
Nominal current IN		25 A	
mm ² /AWG/kcmil		12	

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40017400
Nominal voltage UN		690 V	
Nominal current IN		25 A	

cULus Recognized	
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Accessories

Accessories

Coding element

Coding star - PC - 3040588



Coding star, length: 3 mm, width: 3 mm, height: 6 mm, color: red

Insertion bridge

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Accessories

Insertion bridge - EB 2- 6 - 0201155



Insertion bridge, pitch: 6.2 mm, number of positions: 2, color: gray

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