

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	1 pc
Weight per Piece (excluding packing)	61.76 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Ambient conditions

Degree of protection	IP20, touch proof
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

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Technical data

General

Type	DC-B6
Color	light 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

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 3.0	EC000437
ETIM 4.0	EC000437
ETIM 5.0	EC000438

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

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Approvals

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


Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm ² /AWG/kcmil	12
Nominal current IN	25 A
Nominal voltage UN	600 V

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current IN	25 A
Nominal voltage UN	690 V

cUL Recognized 	
mm ² /AWG/kcmil	12
Nominal current IN	25 A
Nominal voltage UN	600 V

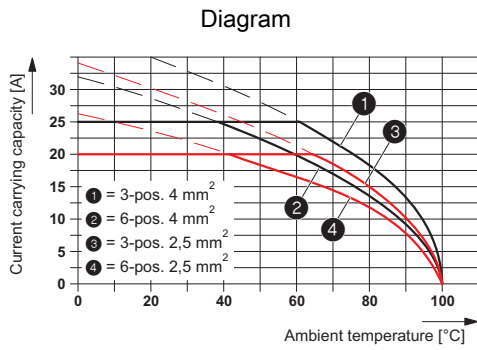
EAC

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Approvals

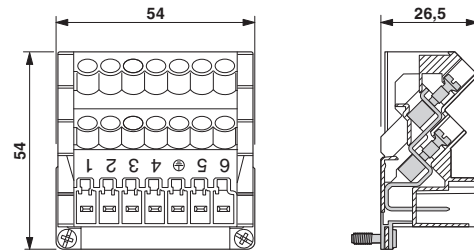


Drawings



Derating diagram

Dimensional drawing



Dimensional drawing