


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
Weight per Piece (excluding packing)	61.83 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
Surge voltage category	III
Pollution degree	3

Material data

Contact material	Cu
Contact surface material	Ag
Contact carrier material	PA

General

Type	DC-B6
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Technical data

General

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

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	27440209

ETIM

ETIM 3.0	EC000437
ETIM 4.0	EC000437
ETIM 5.0	EC000437

UNSPSC

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

Approvals

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Approvals

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

Ex Approvals

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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

cULus Recognized	
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Accessories

Accessories

Bridge

Insertion bridge - EB 2- 6 - 0201155



Insertion bridge, Number of positions: 2, Color: gray

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Accessories

Coding element

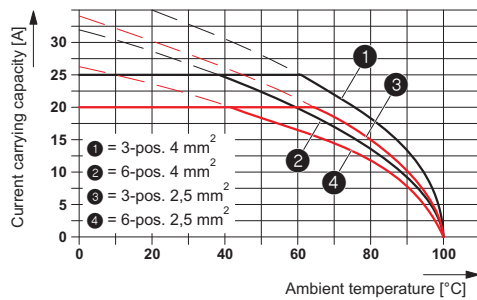
Coding star - PC - 3040588



Coding star, Length: 3 mm, Width: 3 mm, Height: 6 mm, Color: red

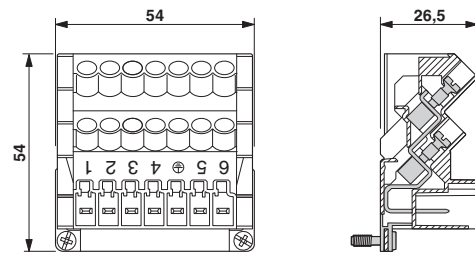
Drawings

Diagram



Derating diagram

Dimensioned drawing



Dimensional drawing