

Contact insert - DC-B 6-ID-7X4-UT - 1602203

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DUPLICON, connector contact insert, 6 x 4 mm² + PE, 400/690 V, 25 A, screw connection, type B6, IP20 protection

Key commercial data

package_quantity	10
GTIN	4046356027908

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)
Rated voltage (III/3)	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

Design	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	65 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

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classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
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 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438

UNSPSC

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

approvals

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

Approval details

UL Recognized 	
Nominal voltage UN	600 V
Nominal current IN	25 A
mm²/AWG/kcmil	12

VDE Gutachten mit Fertigungsüberwachung 	
Nominal voltage UN	690 V
Nominal current IN	25 A
mm²/AWG/kcmil	

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cULus Recognized  US	
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accessories

Coding element

PC - 3040588



Bridge

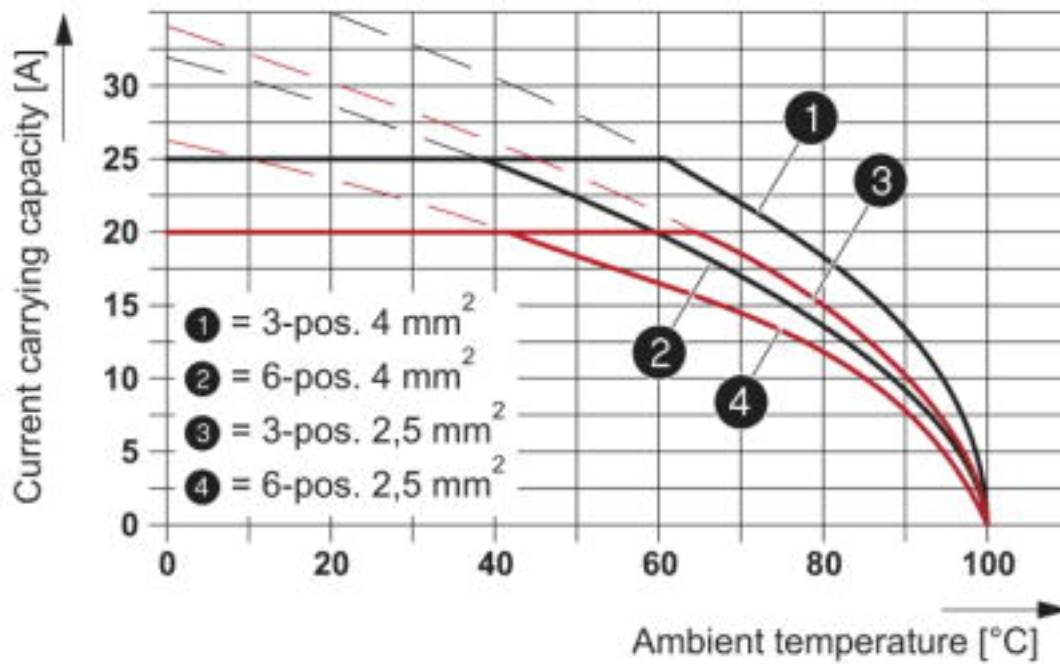
EB 2- 6 - 0201155



Drawings

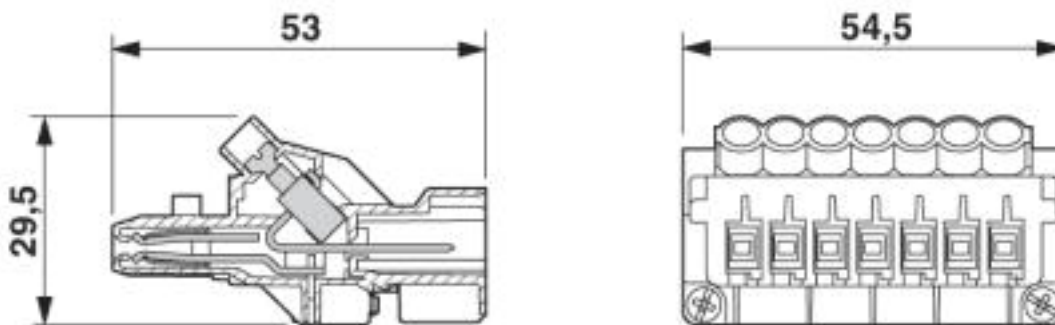
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Diagram



Derating diagram

Dimensioned drawing



Dimensional drawing