



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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**DC-B 6-ID-7X4-UT**

Order No.: 1602203

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1602203>DUPLICON, plug connector contact insert, 6 x 4 mm<sup>2</sup> + PE, 400/690  
V, 25 A, screw connection, type B6, IP20 protection**Commercial data**

GTIN (EAN)	 4 046356 027908
Note	Made-to-order
sales group	D072
Pack	10 pcs.
Customs tariff	85369010
Catalog page information	Page 404 (PC-2009)

**Product notes**WEEE/RoHS-compliant since:  
09/19/2006

<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

**Technical data****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
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**Material data**

Contact material	Cu
Contact surface material	Ag
Contact carrier material	PA

**General characteristics**

Design	DC-B6
Degree of protection	IP20, touch proof
Color	light gray
Insertion/withdrawal cycles	≥ 100
Ambient temperature (operation)	-40 °C ... 100 °C
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 <sup>2</sup> ... 4 mm <sup>2</sup> (6 mm <sup>2</sup> without ferrule)
Connection cross-section AWG	24 ... 12 (AWG 10 without ferrule)
Tightening torque	0.5 Nm ... 0.6 Nm

**Certificates / Approvals**



Certification CUL, UL, VDE-PZI

**Accessories**

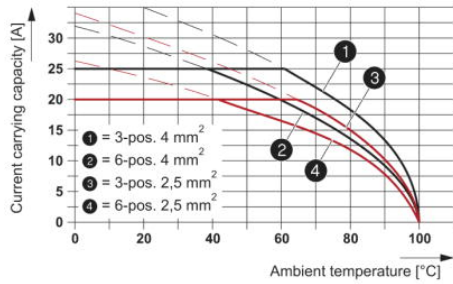
Item	Designation	Description
<b>Bridges</b>		
0201155	EB 2- 6	Insertion bridge, Number of positions: 2, Color: gray

**Marking**

3040588	PC	Keying star, Length: 3 mm, Width: 3 mm, Height: 6 mm, Color: red
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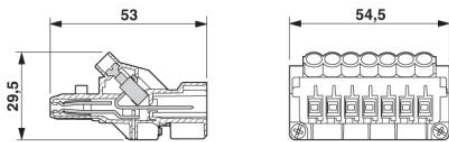
**Diagrams/Drawings**

Diagram



Derating diagram

Dimensioned drawing



Dimensional drawing

**Address**

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