

**G 5/ 2 B**

Order No.: 2716305

The illustration shows a combination of versions G 5/2, G 5/3 and G 5/4 in  
gray<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2716305>Device terminal block, for direct mounting, 2-pos., bridged, color:  
orange**Commercial data**

EAN	4017918061883
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.015706 KG
Catalog page information	Page 362 (CL-2007)

**Product notes**WEEE/RoHS-compliant since:  
01/01/2003

<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****General**

Number of levels	1
Number of connections	4
Color	orange
Insulating material	PA
Inflammability class acc. to UL 94	V2

**Dimensions**

Length	22 mm
Width	20 mm

**Technical data**

Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current $I_N$	32 A
Nominal voltage $U_N$	500 V

**Connection data**

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm <sup>2</sup>

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>
Type of connection	Screw connection
Stripping length	8 mm
Internal cylindrical gage	A3
Screw thread	M 3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

### Certificates / Approvals

#### Approval logo



#### CUL

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	30 A
AWG/kcmil	26-10

#### UL

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	30 A
AWG/kcmil	26-10
Certification	CUL, GOST, UL

### Accessories

Item	Designation	Description
<b>General</b>		
2720029	WS-G5/2	Warning plate, for the device terminal block G 5, completely covers the surface of the terminal block, 2-pos.
<b>Marking</b>		
1401404	BN WH	Marker pin, unprinted: for individual labeling with M-PEN, lettering field size: 4 x 4 mm

---

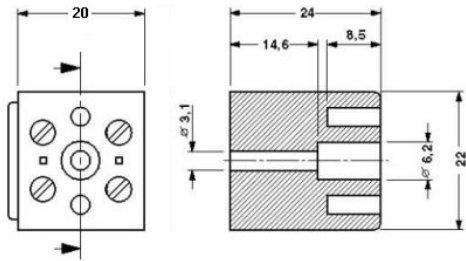
1401417	BNB WH	Marker pin, plastic, printed: with 1, 2 or 3 digits, please indicate required labeling, color: white
---------	--------	--

**Tools**

1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm <sup>2</sup> connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
---------	-------------	--

**Drawings**

## Dimensioned drawing



**Address**

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 00  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



© 2008 Phoenix Contact  
Technical modifications reserved;