

## G 5/ 2

Order No.: 2716020

The illustration shows a combination of versions G 5/2, G 5/3 and G 5/4



Device terminal block, for direct mounting, 2-pos.

### Commercial data

EAN	4017918061760
Pack	50
Customs tariff	85369010
Catalog page information	Page 442 (CL-2009)

### Product notes

WEEE/RoHS-compliant since:  
01-01-2003



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### Technical data

#### General

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

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**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/IEC 60998
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	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

### Certificates



Certification

CSA, CUL, GL, GOST, NK, PRS, UL

#### CSA

Nominal voltage $U_N$	300 V
Nominal current $I_N$	30 A
AWG/kcmil	28-10

#### CUL

Nominal voltage $U_N$	300 V
Nominal current $I_N$	30 A
AWG/kcmil	26-10

#### UL

Nominal voltage $U_N$	300 V
Nominal current $I_N$	30 A
AWG/kcmil	26-10

### 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.

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**Marking**

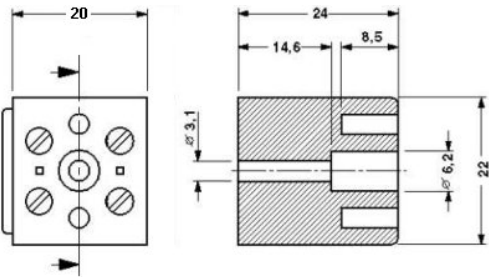
1401404	BN WH	Marker pin, unprinted: for individual labeling with M-PEN, lettering field size: 4 x 4 mm
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**Tools**

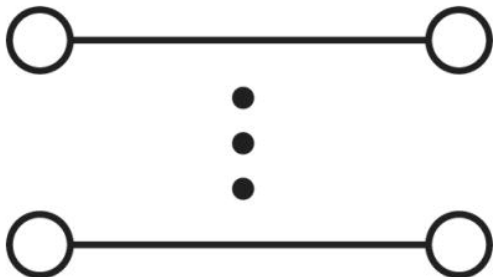
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm <sup>2</sup> connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
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**Drawings**

## Dimensioned drawing



## Circuit diagram



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