



**Distributor of Phoenix Contact: Excellent Integrated System Limited**

Datasheet of 2716703 - Connector Barrier Block Strip 2 Circuit

Contact us: [sales@integrated-circuit.com](mailto:sales@integrated-circuit.com) Website: [www.integrated-circuit.com](http://www.integrated-circuit.com)

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## **Excellent Integrated System Limited**

Stocking Distributor

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Extract from the online catalog

## G 10/ 2

Order No.: 2716703

The illustration shows a combination of versions G 10/2, G 10/4 and G 10/5



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2716703>

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

### Commercial data

EAN	4017918061975
Pack	10 pcs.
Customs tariff	85369010
Weight/Piece	0.03718 KG
Catalog page information	Page 443 (CL-2009)

### 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	gray
Insulating material	PA
Inflammability class acc. to UL 94	V2

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**Dimensions**

Length	22 mm
Width	29 mm

**Technical data**

Rated surge voltage	8 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 $I_N$	57 A
Nominal voltage $U_N$	800 V

**Connection data**

Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	16 mm <sup>2</sup>
Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	10 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	6
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>

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2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm <sup>2</sup>
Type of connection	Screw connection
Stripping length	12 mm
Internal cylindrical gage	A3
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

### Certificates / Approvals



Certification

CCA, CSA, GOST, KEMA, PRS, UL

#### CSA

Nominal voltage U <sub>N</sub>	600 V
Nominal current I <sub>N</sub>	65 A
AWG/kcmil	22-6

#### UL

Nominal voltage U <sub>N</sub>	600 V
Nominal current I <sub>N</sub>	65 A
AWG/kcmil	24-6

### Accessories

Item	Designation	Description
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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

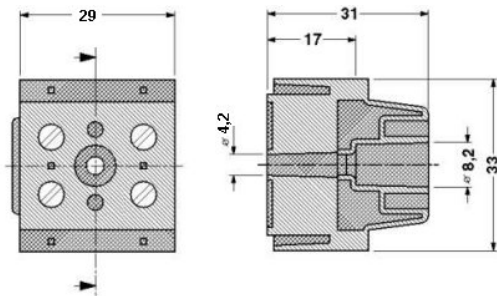
1205066	SZS 1,0X4,0	Screwdriver, bladed, matches all screw terminal blocks with 10 mm <sup>2</sup> and 16 mm <sup>2</sup> connection cross section, blade: 1.0 x 4.0 mm
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## Diagrams/Drawings

Dimensioned drawing



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