

G 5/12

Order No.: 2716127

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



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2716127>

Device terminal block, for direct mounting, 12-pos.

Commercial data

EAN	4017918061821
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.08194 KG
Catalog page information	Page 442 (CL-2009)

Product notes

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



<http://www.download.phoenixcontact.com>
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Technical data

General

Number of levels	1
Number of connections	24
Color	gray
Insulating material	PA
Inflammability class acc. to UL 94	V2

Dimensions

Length	22 mm
Width	92 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 ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	4 mm ²
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 ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm ²
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 / Approvals



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

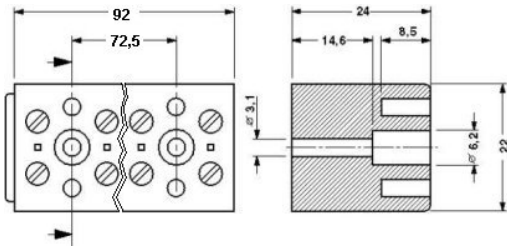
Item	Designation	Description
Marking		
1401404	BN WH	Marker pin, unprinted: for individual labeling with M-PEN, lettering field size: 4 x 4 mm

Tools

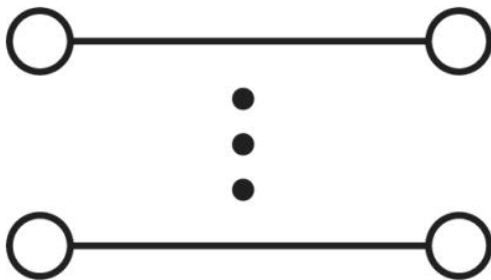
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
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Diagrams/Drawings

Dimensioned drawing



Circuit diagram



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