

## GMKDSN 1,5/ 8-7,62

Order No.: 1707085

The illustration shows an 10-position version

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1707085>

PC terminal block, Nominal current: 16 A, Nom. voltage: 400 V,  
Pitch: 7.62 mm, Number of positions: 8, Type of connection: Screw  
connection, Assembly: Soldering, Conductor/PCB connection  
direction: 0 °, Color: green, The article can be aligned to create  
different nos. of positions!

### Commercial data

EAN	4017918023423
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.008842 KG
Catalog page information	Page 87 (CC-2009)

### Product notes

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



[http://  
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)  
Please note that the data given  
here has been taken from the  
online catalog. For comprehensive  
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to the user documentation. The  
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### Technical data

#### Dimensions / positions

Length	8.1 mm
Pitch	7.62 mm
Dimension a	53.34 mm

Number of positions	8
Pin dimensions	0,5 x 1 mm
Hole diameter	1.3 mm
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

#### Technical data

Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	16 A
Nominal voltage $U_N$	400 V
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	16 A (with 1.5 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A1
Stripping length	6 mm

#### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
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.	1.5 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.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26

Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, solid max.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	0.75 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.	0.5 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>

#### Certificates / Approvals



Certification

CB, CCA, CSA, CUL, GOST, SEV, UL

#### CSA

Nominal voltage $U_N$	300 V
Nominal current $I_N$	10 A
AWG/kcmil	28-14

#### CUL

Nominal voltage $U_N$	300 V
Nominal current $I_N$	10 A
AWG/kcmil	30-14

#### UL

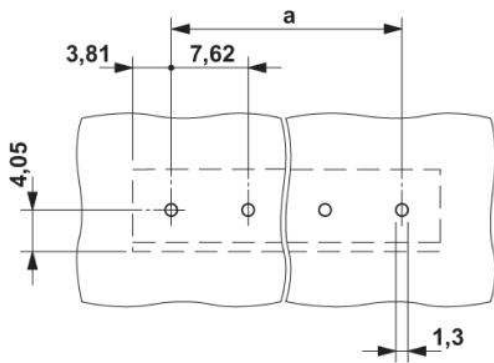
Nominal voltage $U_N$	300 V
Nominal current $I_N$	10 A
AWG/kcmil	30-14

**Accessories**

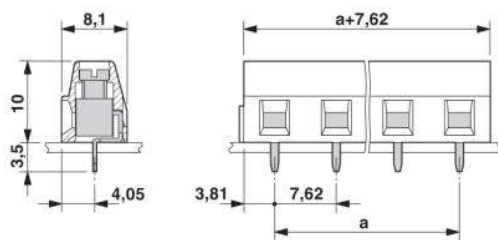
Item	Designation	Description
<b>Marking</b>		
0804552	SK 7,62/5:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 10-section marker strip, 10 identical decades marked 1-10, 11-20 etc. up to 91-100, sufficient for 100 terminal blocks
<b>Tools</b>		
1205037	SZS 0,4X2,5	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm <sup>2</sup> connection cross section, blade: 0.4 x 2.5 mm

**Diagrams/Drawings**

Drilling plan/solder pad geometry



Dimensioned drawing



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