

## 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>  
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### Technical data

#### Dimensions / positions

|             |          |
|-------------|----------|
| Length      | 8.1 mm   |
| Pitch       | 7.62 mm  |
| Dimension a | 53.34 mm |

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|                        |            |
|------------------------|------------|
| 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 <sub>N</sub> | 300 V |
| Nominal current I <sub>N</sub> | 10 A  |
| AWG/kcmil                      | 28-14 |

#### CUL

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 300 V |
| Nominal current I <sub>N</sub> | 10 A  |
| AWG/kcmil                      | 30-14 |

#### UL

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 300 V |
| Nominal current I <sub>N</sub> | 10 A  |
| AWG/kcmil                      | 30-14 |

### Accessories

| Item | Designation | Description |
|------|-------------|-------------|
|------|-------------|-------------|

### Marking

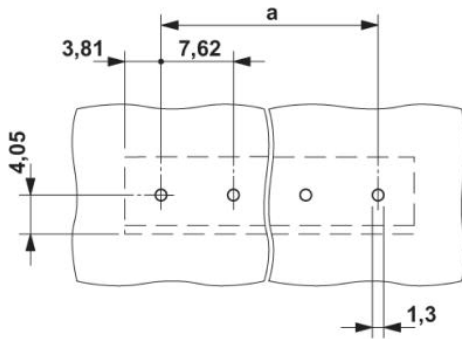
|         |                        |  |
|---------|------------------------|--|
| 0804552 | SK 7,62/5:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 10-section marker strip, 10 identical decades marked 1-10, 11-20 etc. up to 91-100, sufficient for 100 terminal blocks |
|---------|------------------------|--|

### Tools

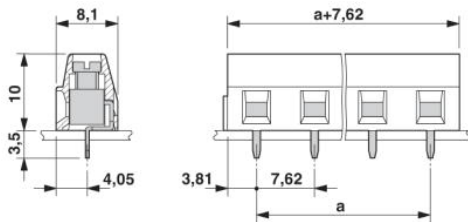
|         |             |  |
|---------|-------------|--|
| 1205037 | SZS 0,4X2,5 | Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm <sup>2</sup> connection cross section, blade: 0.4 x 2.5 mm |
|---------|-------------|--|

### Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



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