

**GMKDS 3/ 2-7,62**

Order No.: 1731721

<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1731721>

PC terminal block, Nominal current: 24 A, Nom. voltage: 500 V,  
Pitch: 7.62 mm, Number of positions: 2, 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                      | 4017918026400     |
| Pack                     | 50 pcs.           |
| Customs tariff           | 85369010          |
| Weight/Piece             | 0.004836 KG       |
| Catalog page information | Page 91 (CC-2009) |

**Product notes**

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



[http://  
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)  
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**Technical data****Dimensions / positions**

|             |         |
|-------------|---------|
| Length      | 11.2 mm |
| Pitch       | 7.62 mm |
| Dimension a | 7.62 mm |

|                        |              |
|------------------------|--------------|
| Number of positions    | 2            |
| Pin dimensions         | 0,9 x 0,9 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 $I_N$              | 24 A                                                  |
| Nominal voltage $U_N$              | 500 V                                                 |
| Nominal cross section              | 2.5 mm <sup>2</sup>                                   |
| Maximum load current               | 30 A (with 4 mm <sup>2</sup> conductor cross section) |
| Insulating material                | PA                                                    |
| Inflammability class acc. to UL 94 | V0                                                    |
| Internal cylindrical gage          | A3                                                    |
| Stripping length                   | 8 mm                                                  |

#### 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.                                      | 2.5 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. | 2.5 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.    | 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                     | 24                   |

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section AWG/kcmil max                                                   | 12                   |
| 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.   | 0.75 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. | 1.5 mm <sup>2</sup>  |

#### Certificates / Approvals



Certification

CCA, CSA, CUL, GL, GOST, SEV, UL

#### CSA

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 300 V |
| Nominal current I <sub>N</sub> | 10 A  |
| AWG/kcmil                      | 28-12 |

#### CUL

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 300 V |
| Nominal current I <sub>N</sub> | 10 A  |
| AWG/kcmil                      | 30-12 |

#### UL

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 300 V |
| Nominal current I <sub>N</sub> | 10 A  |
| AWG/kcmil                      | 30-12 |

## Accessories

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

### Assembly

|         |         |                                                                                                |
|---------|---------|------------------------------------------------------------------------------------------------|
| 1711408 | EA-MKDS | Single cover, to cover individual terminal positions, snap-fitting, color: orange, transparent |
|---------|---------|------------------------------------------------------------------------------------------------|

### Marking

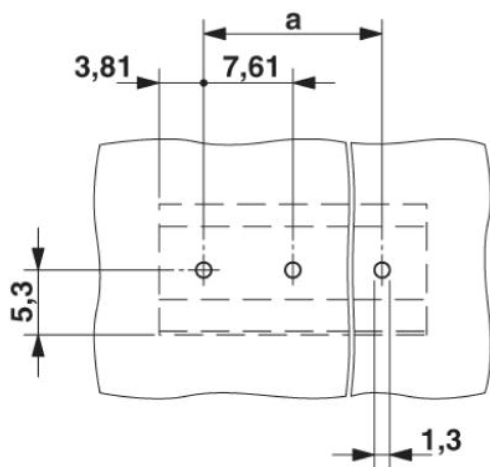
|         |                        |                                                                                                                                                                          |
|---------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

|         |             |                                                                                                                                                      |
|---------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
|---------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------|

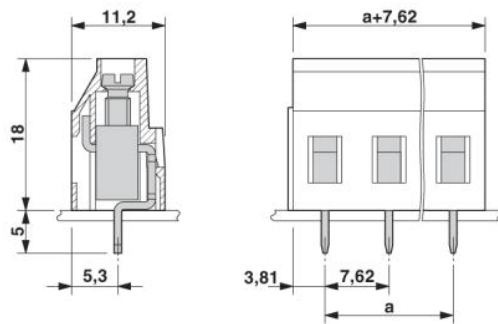
## Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing

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- Техническая поддержка проекта;
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#### Как с нами связаться

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