

## Excellent Integrated System Limited

Stocking Distributor

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Extract from the online catalog

## MKKDSN 1,5/ 7-5,08


Order No.: 1726192

The illustration shows a 5-position version



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1726192>

PC terminal block, Nominal current: 13.5 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 7, Type of connection: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

| Commercial data          |  |
|--------------------------|--|
| GTIN (EAN)               | <br>4 017918 025465 |
| sales group              | E020   |
| Pack                     | 50 pcs.  |
| Customs tariff           | 85369010   |
| Catalog page information | Page 61 (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                 | 18.3 mm |
| Pitch                  | 5.08 mm |

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|                        |            |
|------------------------|------------|
| Dimension a            | 30.48 mm   |
| Number of positions    | 7          |
| 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**

|                                     |                     |
|-------------------------------------|---------------------|
| Range of articles                   | MKKDSN 1,5          |
| Insulating material group           | I                   |
| Rated surge voltage (III/3)         | 4 kV                |
| Rated surge voltage (III/2)         | 4 kV                |
| Rated surge voltage (II/2)          | 4 kV                |
| Rated voltage (III/2)               | 400 V               |
| Rated voltage (II/2)                | 630 V               |
| Connection in acc. with standard    | EN-VDE              |
| Nominal current $I_N$               | 13.5 A              |
| Nominal voltage $U_N$               | 250 V               |
| Nominal cross section               | 1.5 mm <sup>2</sup> |
| Maximum load current                | 13.5 A              |
| Insulating material                 | PA                  |
| Inflammability class acc. to UL 94  | V0                  |
| Internal cylindrical gage           | A1                  |
| Stripping length                    | 6 mm                |
| Nominal voltage, UL/CUL Use Group B | 300 V               |
| Nominal current, UL/CUL Use Group B | 10 A                |
| Nominal voltage, UL/CUL Use Group D | 300 V               |
| Nominal current, UL/CUL Use Group D | 10 A                |

**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> |

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|   |                      |
|---|----------------------|
| 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>  |
| Minimum AWG according to UL/CUL   | 30                   |
| Maximum AWG according to UL/CUL   | 14                   |

### Certificates / Approvals



Certification

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

### Accessories

| Item           | Designation | Description   |
|----------------|-------------|---|
| <b>Bridges</b> |             |   |
| 1733172        | EBP 3- 5    | Insertion bridge, fully insulated, for plug connectors with 5.0 or 5.08 mm pitch, no. of positions: 3 |
| 1733198        | EBP 5- 5    | Insertion bridge, fully insulated, for plug connectors with 5.0 or 5.08 mm pitch, no. of positions: 5 |
| <b>General</b> |             |   |
| 1733169        | EBP 2- 5    | Insertion bridge, fully insulated, for plug connectors with 5.0 or 5.08 mm pitch, no. of positions: 2 |

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**Marking**

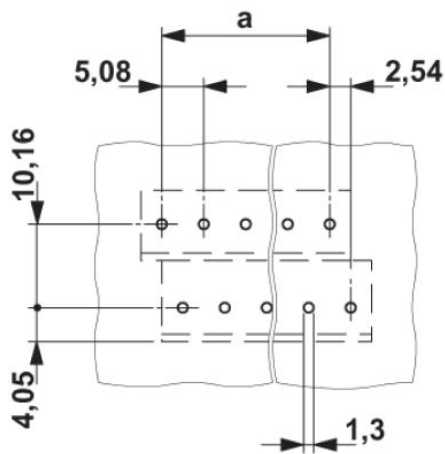
|         |                          |   |
|---------|--------------------------|---|
| 1051993 | B-STIFT                  | Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm   |
| 0804293 | SK 5,08/3,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks                         |
| 0805085 | SK 5,08/3,8:SO           | Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 12 identical marker strips per card, max. 25-position labeling per strip, color: white |
| 0805412 | SK 5,08/3,8:UNBEDRUCKT   | Marker cards, unprinted, with pitch divisions, self-adhesive, 10-section marker strips, 12 strips per card, can be labeled with the M-PEN                                   |

**Tools**

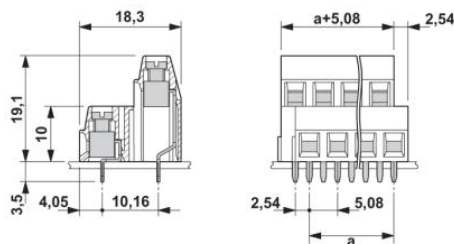
|         |             |  |
|---------|-------------|--|
| 1205053 | SZS 0,6X3,5 | Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |
|---------|-------------|--|

**Diagrams/Drawings**

Drilling plan/solder pad geometry



Dimensioned drawing



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