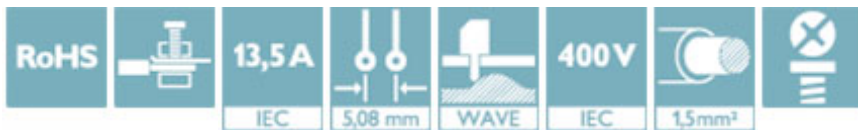


## PCB terminal block - MKKDSN 1,5/ 2-5,08 GY7035H1L - 1702480

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PCB terminal block, nominal current: 13.5 A, pitch: 5.08 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: light gray



### Key Commercial Data

|              |                                                                                    |
|--------------|------------------------------------------------------------------------------------|
| Packing unit | 50 pc                                                                              |
| GTIN         |  |
| GTIN         | 4046356593724                                                                      |

### Technical data

#### Dimensions

|                |          |
|----------------|----------|
| Length [ l ]   | 18.3 mm  |
| Pitch          | 5.08 mm  |
| Dimension a    | 5.08 mm  |
| Width [ w ]    | 12.7 mm  |
| Height         | 19.1 mm  |
| Height [ h ]   | 22.6 mm  |
| Solder pin [P] | 3.5 mm   |
| Pin spacing    | 10.16 mm |
| Hole diameter  | 1.3 mm   |

#### General

|                                  |            |
|----------------------------------|------------|
| Range of articles                | MKKDSN 1,5 |
| Rated surge voltage (III/3)      | 4 kV       |
| Rated surge voltage (III/2)      | 4 kV       |
| Rated surge voltage (II/2)       | 4 kV       |
| Rated voltage (III/3)            | 250 V      |
| Rated voltage (III/2)            | 400 V      |
| Rated voltage (II/2)             | 630 V      |
| Connection in acc. with standard | EN-VDE     |
| Nominal current I <sub>N</sub>   | 13.5 A     |
| Nominal cross section            | 1.5 mm²    |
| Internal cylindrical gage        | A1         |

# PCB terminal block - MKKDSN 1,5/ 2-5,08 GY7035H1L - 1702480

## Technical data

### General

|                        |        |
|------------------------|--------|
| Stripping length       | 6 mm   |
| Number of positions    | 2      |
| Screw thread           | M3     |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max  | 0.6 Nm |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section AWG min.                                                        | 26                   |
| Conductor cross section AWG 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. | 0.5 mm <sup>2</sup>  |

### Standards and Regulations

|                                  |        |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|----------------------------------|--------|

### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50                                                            |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Approvals

### Approvals

#### Approvals

CSA / IECCEB CB Scheme / SEV / EAC / cULus Recognized

#### Ex Approvals

### Approval details

# PCB terminal block - MKKDSN 1,5/ 2-5,08 GY7035H1L - 1702480

## Approvals

|                    |                                                                                   |                                                                                                                                         |       |
|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|
| CSA                |  | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | 13631 |
|                    | D                                                                                 | B                                                                                                                                       |       |
| Nominal voltage UN | 300 V                                                                             | 150 V                                                                                                                                   |       |
| Nominal current IN | 10 A                                                                              | 10 A                                                                                                                                    |       |
| mm²/AWG/kcmil      | 28-14                                                                             | 28-14                                                                                                                                   |       |

|                    |                                                                                   |                                                           |         |
|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------|---------|
| IECEE CB Scheme    |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | CH-8225 |
| Nominal voltage UN | 250 V                                                                             |                                                           |         |
| Nominal current IN | 13.5 A                                                                            |                                                           |         |
| mm²/AWG/kcmil      | 1.5                                                                               |                                                           |         |

|                    |                                                                                     |                                                                                                                                                     |            |
|--------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| SEV                |  | <a href="https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html">https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html</a> | IK-3542-M1 |
| Nominal voltage UN | 250 V                                                                               |                                                                                                                                                     |            |
| Nominal current IN | 13.5 A                                                                              |                                                                                                                                                     |            |
| mm²/AWG/kcmil      | 1.5                                                                                 |                                                                                                                                                     |            |

|     |                                                                                     |         |  |
|-----|-------------------------------------------------------------------------------------|---------|--|
| EAC |  | B.01742 |  |
|-----|-------------------------------------------------------------------------------------|---------|--|

|                    |                                                                                     |                                                                                                                                                       |                 |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| cULus Recognized   |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E60425-19770427 |
|                    | D                                                                                   | B                                                                                                                                                     |                 |
| Nominal voltage UN | 300 V                                                                               | 300 V                                                                                                                                                 |                 |
| Nominal current IN | 10 A                                                                                | 10 A                                                                                                                                                  |                 |
| mm²/AWG/kcmil      | 30-14                                                                               | 30-14                                                                                                                                                 |                 |

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>