

# PCB terminal block - MKDSN 1,5/ 2-5,08 BK H1L - 1860196

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PCB terminal block, nominal current: 13.5 A, nom. voltage: 400 V, pitch: 5.08 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, color: black




The figure shows a 10-position version of the product

## Why buy this product

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ Allows connection of two conductors
- ✓ Extremely small design for the respective conductor cross section
- ✓ Designed for integration into the SMT soldering process
- ✓ The latching on the side enables various numbers of positions to be combined



## Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 250 STK   |
| GTIN         | <br>4 055626 305448 |
| GTIN         | 4055626305448   |

## Technical data

### Dimensions

|                       |            |
|-----------------------|------------|
| Length [ l ]          | 8.1 mm     |
| Pitch                 | 5.08 mm    |
| Dimension a           | 5.08 mm    |
| Width [ w ]           | 10.16 mm   |
| Constructional height | 10 mm      |
| Height [ h ]          | 13.5 mm    |
| Solder pin [ P ]      | 3.5 mm     |
| Pin dimensions        | 0,5 x 1 mm |
| Hole diameter         | 1.3 mm     |

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## Technical data

### General

|  |                     |
|--|---------------------|
| Range of articles                      | MKDSN 1,5           |
| Insulating material group              | I                   |
| Rated voltage (III/2)                  | 400 V               |
| Nominal current I <sub>N</sub>         | 13.5 A              |
| Nominal cross section                  | 1.5 mm <sup>2</sup> |
| Insulating material                    | PA                  |
| Flammability rating according to UL 94 | V0                  |
| Number of positions                    | 2                   |
| Screw thread                           | M3                  |

### Standards and Regulations

|  |    |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

### 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

cULus Recognized / CSA / SEV / EAC / DNV GL / IECCE CB Scheme


#### Ex Approvals


### Approval details

|                                |   |   |                 |
|--------------------------------|---|---|-----------------|
| 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 U <sub>N</sub> | 300 V   | 300 V   |                 |
| Nominal current I <sub>N</sub> | 10 A  | 10 A  |                 |
| mm <sup>2</sup> /AWG/kcmil     | 30-14   | 30-14   |                 |

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## 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  |       |
| mm <sup>2</sup> /AWG/kcmil | 28-14   | 28-14   |       |

|                            |   |   |            |
|----------------------------|---|---|------------|
| SEV                        |  | <a href="https://www.electrosuisse.ch/en/meta/shop/product-certificates.html">https://www.electrosuisse.ch/en/meta/shop/product-certificates.html</a> | IK-3542-M1 |
| Nominal voltage UN         | 250 V   |   |            |
| Nominal current IN         | 13.5 A  |   |            |
| mm <sup>2</sup> /AWG/kcmil | 1.5   |   |            |

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

|        |   |            |
|--------|---|------------|
| DNV GL | <a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a> | TAE00001EV |
|--------|---|------------|

|                            |   |   |         |
|----------------------------|---|---|---------|
| 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  |   |         |
| mm <sup>2</sup> /AWG/kcmil | 1.5   |   |         |

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