

## PCB terminal block - MKDSN 1,5/12-5,08 BK - 1907843

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PCB terminal block, nominal current: 13.5 A, pitch: 5.08 mm, number of positions: 12, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: black



### Key Commercial Data

|              |                                                                                                       |
|--------------|-------------------------------------------------------------------------------------------------------|
| Packing unit | 50 pc                                                                                                 |
| GTIN         | <br>4 017918 318017 |
| GTIN         | 4017918318017                                                                                         |

### Technical data

#### Item properties

|                       |                |
|-----------------------|----------------|
| Number of positions   | 12             |
| Drive form screw head | Slotted (L)    |
| Screw thread          | M3             |
| Pin layout            | Linear pinning |

#### Dimensions for the product

|                             |          |
|-----------------------------|----------|
| Length [ l ]                | 8.1 mm   |
| Width [ w ]                 | 60.96 mm |
| Height [ h ]                | 13.5 mm  |
| Pitch                       | 5.08 mm  |
| Height (without solder pin) | 10 mm    |
| Solder pin [P]              | 3.5 mm   |
| Dimension a                 | 55.88 mm |

#### Dimensions for PCB design

|               |        |
|---------------|--------|
| Hole diameter | 1.3 mm |
|---------------|--------|

#### Packaging information

|                            |                     |
|----------------------------|---------------------|
| Type of packaging          | packed in cardboard |
| Pieces per package         | 50                  |
| Denomination packing units | Pcs.                |

#### Air clearances and creepage distances

|         |       |
|---------|-------|
| Voltage | 250 V |
|---------|-------|

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## Technical data

### Current carrying capacity / derating curves

### Standards and Regulations

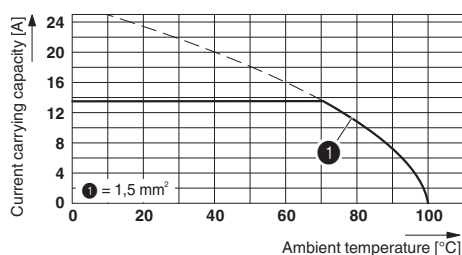
|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
|                                        | CSA    |
| Flammability rating according to UL 94 | V0     |

### 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" |

## Drawings

Diagram



## Approvals

### Approvals

#### Approvals

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

#### Ex Approvals

### Approval details

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

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

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### Approvals

|               |       |       |
|---------------|-------|-------|
|               | D     | B     |
| 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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