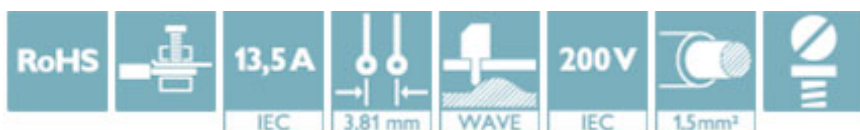



# PCB terminal block - MKDS 1/ 5-3,81 BK - 1800017

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PCB terminal block, nominal current: 13.5 A, pitch: 3.81 mm, number of positions: 5, 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 955304 |
| GTIN         | 4017918955304   |

## Technical data

### Item properties

|                       |                |
|-----------------------|----------------|
| Number of positions   | 5              |
| Drive form screw head | Slotted (L)    |
| Screw thread          | M2             |
| Pin layout            | Linear pinning |

### Dimensions for the product

|                             |          |
|-----------------------------|----------|
| Length [ l ]                | 7.3 mm   |
| Width [ w ]                 | 19.04 mm |
| Height [ h ]                | 12 mm    |
| Pitch                       | 3.81 mm  |
| Height (without solder pin) | 8.5 mm   |
| Solder pin [P]              | 3.5 mm   |
| Dimension a                 | 15.24 mm |

### Dimensions for PCB design

|               |        |
|---------------|--------|
| Hole diameter | 1.1 mm |
|---------------|--------|

### Packaging information

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

### Air clearances and creepage distances

|         |       |
|---------|-------|
| Voltage | 160 V |
|---------|-------|

# PCB terminal block - MKDS 1/ 5-3,81 BK - 1800017

## Technical data

### Standards and Regulations

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

### 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 / IECEx CB Scheme / SEV / EAC / cULus Recognized

#### Ex Approvals


### Approval details

|                            |   |   |       |
|----------------------------|---|---|-------|
| 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 | 28-16   | 28-16   |       |


|                            |   |   |         |
|----------------------------|---|---|---------|
| IECEE CB Scheme            |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | CH-8225 |
| Nominal voltage UN         | 125 V   |   |         |
| Nominal current IN         | 12 A  |   |         |
| mm <sup>2</sup> /AWG/kcmil | 1.5   |   |         |

## PCB terminal block - MKDS 1/ 5-3,81 BK - 1800017

### Approvals

|     |   |   |            |
|-----|---|---|------------|
| 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         | 125 V |
| Nominal current IN         | 12 A  |
| mm <sup>2</sup> /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  |
| mm <sup>2</sup> /AWG/kcmil | 30-16 | 30-16 |

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