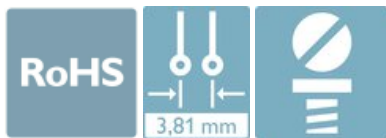


## PCB terminal block - MKDS 1/ 8-3,81 BK - 1800025

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PCB terminal block, Number of positions per row: 8, product range: MKDS 1, pitch: 3.81 mm, screw head form: L Slotted, color: black, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, type of packaging: packed in cardboard



### Key Commercial Data

|                                      |                                                                                                       |
|--------------------------------------|-------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                  |
| Minimum order quantity               | 50 pc                                                                                                 |
| GTIN                                 | <br>4 017918 955298 |
| GTIN                                 | 4017918955298                                                                                         |
| Weight per Piece (excluding packing) | 4.310 g                                                                                               |
| Custom tariff number                 | 85369010                                                                                              |
| Country of origin                    | Germany                                                                                               |

### Technical data

#### Item properties

|                       |                |
|-----------------------|----------------|
| Number of positions   | 8              |
| Drive form screw head | Slotted (L)    |
| Screw thread          | M2             |
| Pin layout            | Linear pinning |

#### Material data - housing

|               |              |
|---------------|--------------|
| Housing color | black (9005) |
|---------------|--------------|

#### Dimensions for the product

|                             |          |
|-----------------------------|----------|
| Length [ l ]                | 7.3 mm   |
| Width [ w ]                 | 30.47 mm |
| Height [ h ]                | 12 mm    |
| Pitch                       | 3.81 mm  |
| Height (without solder pin) | 8.5 mm   |
| Solder pin [P]              | 3.5 mm   |

## PCB terminal block - MKDS 1/ 8-3,81 BK - 1800025

### Technical data

#### 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.                |

#### Standards and Regulations

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

#### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| China RoHS | Environmentally Friendly Use Period = 50 years                                                      |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440401 |
| eCl@ss 11.0   | 27460101 |
| eCl@ss 4.0    | 27141100 |
| eCl@ss 4.1    | 27141100 |
| eCl@ss 5.0    | 27141100 |
| eCl@ss 5.1    | 27261100 |
| eCl@ss 6.0    | 27261100 |
| eCl@ss 7.0    | 27440401 |
| eCl@ss 9.0    | 27440401 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 6.0 | EC002643 |
| ETIM 7.0 | EC002643 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11     | 39121432 |
| UNSPSC 12.01  | 39121432 |

## PCB terminal block - MKDS 1/ 8-3,81 BK - 1800025

### Classifications

#### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 13.2 | 39121432 |
| UNSPSC 18.0 | 39121432 |
| UNSPSC 19.0 | 39121432 |
| UNSPSC 20.0 | 39121432 |
| UNSPSC 21.0 | 39121432 |

### Approvals

#### Approvals

#### Approvals

IECEE CB Scheme / SEV / EAC / cULus Recognized

#### Ex Approvals

#### Approval details

|                    |                                                                                     |                                                           |          |
|--------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------|
| IECEE CB Scheme    |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | CH-10787 |
| Nominal voltage UN | 160 V                                                                               |                                                           |          |
| Nominal current IN | 12 A                                                                                |                                                           |          |
| mm²/AWG/kcmil      | 1.5                                                                                 |                                                           |          |

|                    |                                                                                     |                                                                       |         |
|--------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------|
| SEV                |  | <a href="https://www.eurofins.ch/de/">https://www.eurofins.ch/de/</a> | IK-4497 |
| Nominal voltage UN | 160 V                                                                               |                                                                       |         |
| Nominal current IN | 12 A                                                                                |                                                                       |         |
| mm²/AWG/kcmil      | 1.5                                                                                 |                                                                       |         |

|     |                                                                                     |         |  |
|-----|-------------------------------------------------------------------------------------|---------|--|
| EAC |  | B.01687 |  |
|-----|-------------------------------------------------------------------------------------|---------|--|

## PCB terminal block - MKDS 1/ 8-3,81 BK - 1800025

### Approvals

|                                                                                                                                                                                                                                                                          |       |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|
| 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 |       |       |
|                                                                                                                                                                                                                                                                          | B     | D     |
| Nominal voltage UN                                                                                                                                                                                                                                                       | 300 V | 300 V |
| Nominal current IN                                                                                                                                                                                                                                                       | 10 A  | 10 A  |
| mm²/AWG/kcmil                                                                                                                                                                                                                                                            | 30-16 | 30-16 |