# PCB terminal block - MKDSP 25/ 2-15.00 - 1932588

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The figure shows a 5-pos. version of the product

PC terminal block, Nominal current: 125 A, Nom. voltage: 1000 V, Pitch: 15 mm, Number of positions: 2, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, For PCB mounting, please note that the conductor tractive forces directly beside the PCB terminal blocks are absorbed by bolts fastened to the housing of the device.

## Why buy this product

- Integrated test connection
- High-capacity PCB terminal blocks with screw connection up to 35 mm² conductor cross section and a current carrying capacity of 125 A
- Unlimited 600 V UL approval
- Integrated protective guide

## Key commercial data

| | |
|---|---|
| Packing unit | 1 |
| Minimum order quantity | 25 |
| Catalog page | Page 375 (CC-2011) |
| GTIN | 4 017918 902087 |
| Custom tariff number | 85369010 |
| Country of origin | BULGARIA |

## Technical data

### Dimensions / positions

| | |
|---|---|
| Length | 31 mm |
| Pitch | 15 mm |
| Dimension a | 15 mm |
| Number of positions | 2 |
| Pin dimensions | 1,2 x 1,2 mm |
| Hole diameter | 1.6 mm |
| Screw thread | M5 |
| Tightening torque, min | 2.5 Nm |
| Tightening torque max | 4.5 Nm |

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## Technical data

### Technical data

| | |
|---|---|
| Range of articles | MKDSP 25 |
| Insulating material group | I |
| Rated surge voltage (III/3) | 8 kV |
| Rated surge voltage (III/2) | 8 kV |
| Rated surge voltage (II/2) | 8 kV |
| Rated voltage (III/3) | 1000 V |
| Rated voltage (III/2) | 1000 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current IN | 125 A |
| Nominal cross section | 25 mm² |
| Maximum load current | 125 A (with 35 mm2 conductor cross section) |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Internal cylindrical gage | B 7 |
| Stripping length | 18 mm |
| Nominal voltage, UL/CUL Use Group B | 600 V |
| Nominal current, UL/CUL Use Group B | 115 A |
| Nominal voltage, UL/CUL Use Group C | 600 V |
| Nominal current, UL/CUL Use Group C | 115 A |

### Connection data

| | |
|---|---|
| Conductor cross section solid min. | 0.5 mm² |
| Conductor cross section solid max. | 35 mm² |
| Conductor cross section stranded min. | 0.5 mm² |
| Conductor cross section stranded max. | 25 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 1 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 25 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 1.5 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 25 mm² |
| Conductor cross section AWG/kcmil min. | 20 |
| Conductor cross section AWG/kcmil max | 2 |
| 2 conductors with same cross section, solid min. | 0.5 mm² |
| 2 conductors with same cross section, solid max. | 6 mm² |
| 2 conductors with same cross section, stranded min. | 0.5 mm² |
| 2 conductors with same cross section, stranded max. | 6 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.5 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 4 mm² |

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## Technical data

### Connection data

| | |
|---|---|
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 6 mm² |
| Minimum AWG according to UL/CUL | 20 |
| Maximum AWG according to UL/CUL | 2 |

## Classifications

### eclass

| | |
|---|---|
| eCl@ss 4.0 | 27141109 |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |

### etim

| | |
|---|---|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

### unspsc

| | |
|---|---|
| UNSPSC 6.01 | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11 | 39121432 |
| UNSPSC 12.01 | 39121432 |
| UNSPSC 13.2 | 39121432 |

## Approvals

### Approvals

Approvals

UL Recognized / SEV / cUL Recognized / GOST / CCA / IECEE CB Scheme / GOST / cULus Recognized

Ex Approvals

Approvals submitted

### Approval details

# PCB terminal block - MKDSP 25/ 2-15.00 - 1932588

## Approvals

UL Recognized

| | | B | C |
|---|---|---|---|
| mm²/AWG/kcmil | 20-10 | 20-2 | 20-2 |
| Nominal current IN | 30 A | 115 A | 115 A |
| Nominal voltage UN | 600 V | 600 V | 600 V |

SEV

| | |
|---|---|
| mm²/AWG/kcmil | 35 |
| Nominal voltage UN | 1000 V |

cUL Recognized

| | | B | C |
|---|---|---|---|
| mm²/AWG/kcmil | 20-10 | 20-2 | 20-2 |
| Nominal current IN | 30 A | 115 A | 115 A |
| Nominal voltage UN | 600 V | 600 V | 600 V |

GOST

CCA

IECEE CB Scheme

GOST

cULus Recognized

## Accessories

Accessories

Marking

# PCB terminal block - MKDSP 25/ 2-15.00 - 1932588

## Accessories

Zack Marker strip, flat - ZBF 15:UNBEDRUCKT - 0811202



Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, Lettering field: 15 x 5.2 mm

### Plug/Adapter

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

### Tools

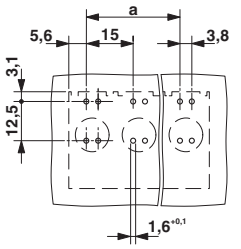
Screwdriver - SZS 1,0X6,5 VDE - 1205079



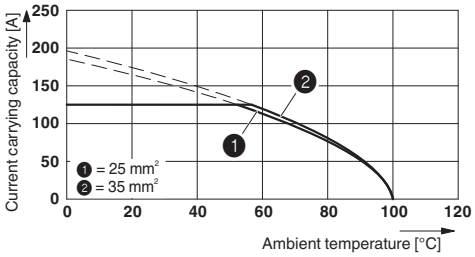
Screwdriver, bladed, VDE insulated, size: 1.0 x 6.5 x 150 mm, 2-component grip, with non-slip grip

## Drawings

Drilling diagram



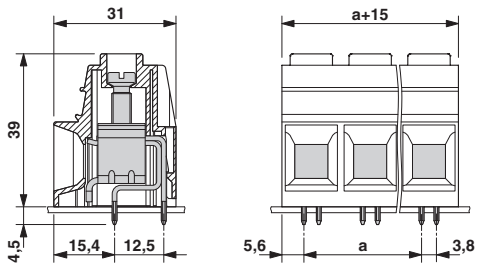

Diagram




Type: MKDSP 25/...-15,00
Tested in accordance with DIN EN 60512-5-2:2003-01
Reduction factor = 1
No. of positions: 5

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Dimensioned drawing




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