

# PCB terminal block - MKDSP 25/ 4-15.00 - 1932601

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PCB terminal block, Nominal current: 125 A, Nom. voltage: 1000 V, Pitch: 15 mm, Number of positions: 4, 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.


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

## Why buy this product

- Integrated test connection
- High-capacity PCB terminal blocks with screw connection up to 35 mm<sup>2</sup> 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 902100
Custom tariff number	85369010
Country of origin	BULGARIA

## Technical data

### Dimensions / positions

Length	31 mm
Pitch	15 mm
Dimension a	45 mm
Number of positions	4
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 I <sub>N</sub>	125 A
Nominal cross section	25 mm <sup>2</sup>
Maximum load current	125 A (with 35 mm <sup>2</sup> 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 mm <sup>2</sup>
Conductor cross section solid max.	35 mm <sup>2</sup>
Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	1 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	25 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	2
2 conductors with same cross section, solid min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	4 mm <sup>2</sup>

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## Technical data

### Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm <sup>2</sup>
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

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#### Approvals

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

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

# PCB terminal block - MKDSP 25/ 4-15.00 - 1932601


## Approvals

UL Recognized 

		B	C
mm <sup>2</sup> /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

mm <sup>2</sup> /AWG/kcmil	35
Nominal voltage UN	1000 V

cUL Recognized 

		B	C
mm <sup>2</sup> /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/ 4-15.00 - 1932601

## 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

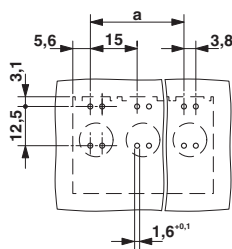
Screwdriver - SZS 1,0X6,5 VDE - 1205079



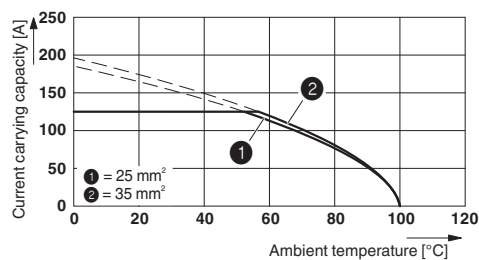
Screwdriver, bladed, VDE insulated, size: 1.0 x 6.5 x 150 mm, 2-component grip, with non-slip grip

## Drawings

Drilling diagram



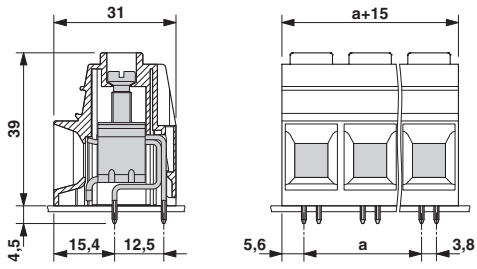
Diagram



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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