

# PCB terminal block - MKDS 1,5/ 3-5,08 - 1715734

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PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 3, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

The figure shows a 10-position version of the product

## Product Features

- With 2.3 mm Ø test connection
- Single-row PCB terminal blocks for conductor cross sections up to 1.5 mm<sup>2</sup>
- 5.0 or 5.08 mm pitch

## Key commercial data

package_quantity	250
GTIN	4017918024208

## Technical data

### Dimensions

Length	9.8 mm
Height	13.8 mm
Pitch	5.08 mm
Dimension a	10.16 mm
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm

### General

Range of articles	MKDS 1,5
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	17.5 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	22 A

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## Technical data

### General

Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Internal cylindrical gage	A 1
Stripping length	7 mm
Number of positions	3
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
2 conductors with same cross section, solid min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.5 mm <sup>2</sup>
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.	1 mm <sup>2</sup>
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	14

## classifications

### eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109

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## classifications

### eCl@ss

eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643


### UNSPSC

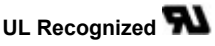
UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

## approvals

CSA / UL Recognized / SEV / cUL Recognized / GOST / GL / CCA / GOST / cULus Recognized /

### Approval details

		
Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	10 A
mm <sup>2</sup> /AWG/kcmil	28-14	28-14

		
Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	10 A
mm <sup>2</sup> /AWG/kcmil	30-14	30-14

<b>SEV</b>
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## approvals

Nominal voltage UN	250 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	2.5

**cUL Recognized**

Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	10 A
mm <sup>2</sup> /AWG/kcmil	30-14	30-14

**GOST**

**GL**

**CCA**

Nominal voltage UN	250 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	2.5

**cULus Recognized**

## accessories

### Screwdriver tools

SZS 0,6X3,5 - 1205053



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accessories

## Labeled terminal marker

SK 5,08/3,8:FORTL.ZAHLEN - 0804293



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## Pitch spacer

RZ 1,25-MKDS 1,5 - 1702048



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## Bridge

EBP 2- 5 - 1733169



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EBP 2- 5 - 1733169



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EBP 3- 5 - 1733172



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### Drawings

Drilling diagram

Dimensioned drawing

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