

## PCB terminal block - MKDSP 1,5/ 7-5,08 - 1730175

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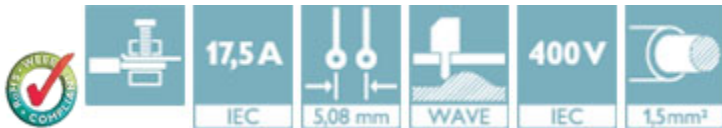
PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 7, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green




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 mm²
- 5.0 or 5.08 mm pitch



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 026271
Weight per Piece (excluding packing)	10.14 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### Dimensions

Length	11.15 mm
Pitch	5.08 mm
Dimension a	30.48 mm
Constructional height	14 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,9 x 0,9 mm

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## Technical data

### Dimensions

Hole diameter	1.3 mm
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### General

Range of articles	MKDSP 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 $I_N$	17.5 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	22 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	7 mm
Number of positions	7
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 flexible min.	0.14 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG 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>

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### Technical data

#### Connection data

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>

#### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

### Classifications

#### eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
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
eCl@ss 9.0	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

## PCB terminal block - MKDSP 1,5/ 7-5,08 - 1730175

### Approvals

#### Approvals


#### Approvals

CSA / SEV / CCA / IEC EE CB Scheme / EAC / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

#### Approval details

CSA 		
	B	D
mm²/AWG/kcmil	28-14	28-14
Nominal current I <sub>N</sub>	10 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

SEV	
mm²/AWG/kcmil	2.5
Nominal current I <sub>N</sub>	22 A
Nominal voltage U <sub>N</sub>	250 V

CCA
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IECEE CB Scheme 
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EAC
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EAC
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## PCB terminal block - MKDSP 1,5/ 7-5,08 - 1730175

### Approvals

cULus Recognized  US

### Accessories

#### Accessories

##### Bridge

Insertion bridge - EBP 2- 5 - 1733169



Insertion bridge, fully insulated, for connectors with 5.0 or 5.08 mm pitch, no. of positions: 2

##### Labeled terminal marker

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



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

##### Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

##### Test plug terminal block

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### Accessories

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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Reducing plug - RPS - 0201647



Reducing plug, Color: gray

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Test plugs - ST-MKDSP 3/5 - 1718207



Test plugs

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Accessories - SPB 10-MKDSP - 1301355



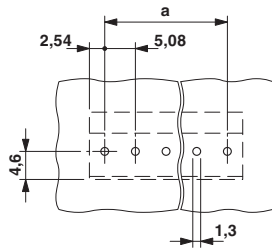
Accessories

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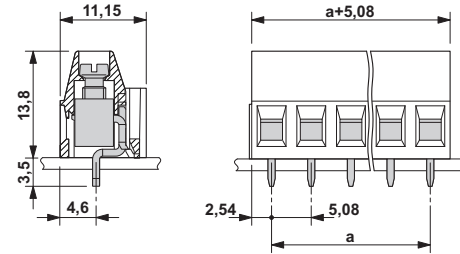
### Drawings

## PCB terminal block - MKDSP 1,5/ 7-5,08 - 1730175

Drilling diagram



Dimensional drawing



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