

## PCB terminal block - MKDSP 10HV/ 2-12,7 - 1929533

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PCB terminal block, Nominal current: 76 A, Nom. voltage: 1000 V, Pitch: 12.7 mm, Number of positions: 2, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

### Why buy this product

- ✓ Integrated test connection
- ✓ High-capacity PCB terminal blocks with screw connection up to 16 mm<sup>2</sup>, stranded, and a current carrying capacity of 76 A
- ✓ Terminal block bases that can be mounted side by side to create any number of positions
- ✓ Individual adjustment of voltage requirements using RZ pitch spacers



### Key commercial data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 017918 819651
Weight per Piece (excluding packing)	18.62 g
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### Dimensions

Length	22 mm
Pitch	12.7 mm
Dimension a	12.7 mm
Pin dimensions	1 x 0,9 mm
Hole diameter	1.5 mm

#### General

Range of articles	MKDSP 10HV
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV

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## Technical data

### General

Rated surge voltage (II/2)	6 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 $I_N$	76 A
Nominal cross section	10 mm <sup>2</sup>
Maximum load current	76 A (with 16 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Internal cylindrical gage	B6
Stripping length	10 mm
Number of positions	2
Screw thread	M4
Tightening torque, min	1.2 Nm
Tightening torque max	1.5 Nm

### Connection data

Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	16 mm <sup>2</sup>
Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	16 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	6
2 conductors with same cross section, solid min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	4 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.	4 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.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>

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## Technical data

### Connection data

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

### 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 / CCA / IECEx CB Scheme / EAC / cULus Recognized


#### Ex Approvals

#### Approvals submitted


#### Approval details

## PCB terminal block - MKDSP 10HV/ 2-12,7 - 1929533


### Approvals

UL Recognized 		
	B	C
mm²/AWG/kcmil	20-6	20-6
Nominal current I <sub>N</sub>	60 A	60 A
Nominal voltage U <sub>N</sub>	600 V	600 V


SEV	
mm²/AWG/kcmil	16.0
Nominal current I <sub>N</sub>	57 A
Nominal voltage U <sub>N</sub>	1000 V

cUL Recognized 		
	B	C
mm²/AWG/kcmil	20-6	20-6
Nominal current I <sub>N</sub>	60 A	60 A
Nominal voltage U <sub>N</sub>	600 V	600 V

CCA
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IECEE CB Scheme 
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EAC
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cULus Recognized 
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### Accessories

Accessories

Marker pen

## PCB terminal block - MKDSP 10HV/ 2-12,7 - 1929533

### Accessories

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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### Pitch spacer

PCB terminal block - RZ-MKDSP 10 HV-2,54 - 1929672



Pitch spacer, raises the pitch by 2.54 mm, interlocks with terminal block, color: green

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### Printed circuit board terminal

PCB terminal block - MKDSP 10HV/ 3-12,7 - 1929546



PCB terminal block, Nominal current: 76 A, Nom. voltage: 1000 V, Pitch: 12.7 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!

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### 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

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### Terminal marking

Marker strip - SK 5,0 WH:REEL - 0805221



Marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK X, THERMOMARK S1.1, THERMOMARK ROLL X1, Mounting type: Adhesive, Lettering field: Continuous x 5 mm

## Accessories

Marker card, Sheet, white, unlabeled, can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 5 mm

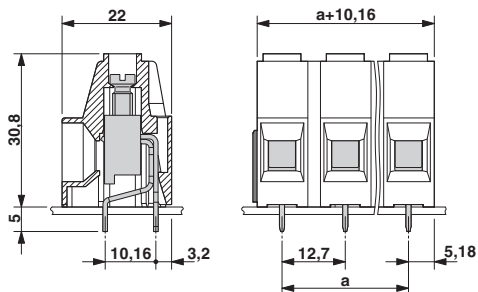


## Reducing plug - RPS - 0201647



Reducing plug, Color: gray

## Dimensioned drawing



### Drilling diagram

