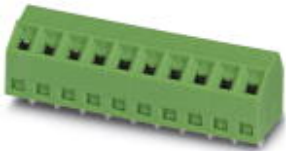


## PCB terminal block - SMKDS 1/ 7-3,5 LABEL - 1702930

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PCB terminal block, nominal current: 10 A, nom. voltage: 200 V, pitch: 3.5 mm, number of positions: 7, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 35 °, color: green




The figure shows a 10-position version of the product

### Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ Allows connection of two conductors
- ✓ Angled connection enables multi-row arrangement on the PCB
- ✓ Extremely small design for the respective conductor cross section



### Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4046356625609

### Technical data

#### Dimensions

Length [ l ]	10 mm
Pitch	3.5 mm
Dimension a	21 mm
Width [ w ]	25 mm
Height	9.5 mm
Height [ h ]	13 mm
Solder pin [P]	3.5 mm
Hole diameter	1.1 mm

#### General

Range of articles	SMKDS 1
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# PCB terminal block - SMKDS 1/ 7-3,5 LABEL - 1702930

## Technical data

### General

Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	10 A
Nominal cross section	1 mm <sup>2</sup>
Stripping length	5 mm
Number of positions	7
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

### Connection data

Conductor cross section AWG min.	26
Conductor cross section AWG max.	16
2 conductors with same cross section, solid min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, solid max.	0.5 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.	0.2 mm <sup>2</sup>

### Standards and Regulations

Connection in acc. with standard	EN-VDE
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### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Approvals

### Approvals

Approvals

EAC

Ex Approvals

## PCB terminal block - SMKDS 1/ 7-3,5 LABEL - 1702930

### Approvals

#### Approval details

EAC		B.01742
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