


## PCB terminal block - MKKDS 5/ 3-6,35 Z1L - 1713949

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PCB terminal block, nominal current: 41 A, pitch: 6.35 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green



### Key Commercial Data

Packing unit	50 pc
Minimum order quantity	1000 pc
GTIN	
GTIN	4046356092760

### Technical data

#### Dimensions

Length [ l ]	28 mm
Pitch	6.35 mm
Dimension a	12.7 mm
Width [ w ]	19.05 mm
Height	38.9 mm
Height [ h ]	44.1 mm
Solder pin [ P ]	5.2 mm
Hole diameter	1.3 mm

#### General

Range of articles	MKKDS 5
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	41 A
Nominal cross section	4 mm²
Flammability rating according to UL 94	V0

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## Technical data

### General

Internal cylindrical gage	A4
Stripping length	8 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 AWG min.	24
Conductor cross section AWG max.	10
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 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.	0.75 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.	2.5 mm <sup>2</sup>

### Standards and Regulations

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

### 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 / cULus Recognized


Ex Approvals

## PCB terminal block - MKKDS 5/ 3-6,35 Z1L - 1713949

### Approvals

#### Approval details

EAC		B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19770427
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	30 A	
mm <sup>2</sup> /AWG/kcmil	30-10	30-10	

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