

PCB terminal block - KDS10/SO BU - 1985548

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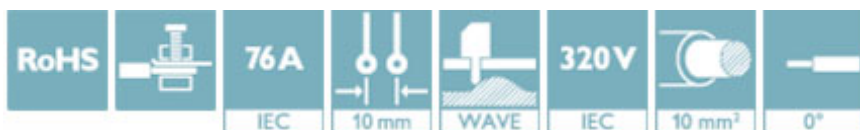


PCB terminal block, nominal current: 76 A, nom. voltage: 320 V, pitch: 10 mm, number of positions: 1, connection method: Screw connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: blue

The figure shows a 5-pos. 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
- ✓ Potentials can be easily looped through with additional connection to the PCB
- ✓ The latching on the side enables various numbers of positions to be combined



Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4017918909185

Technical data

Dimensions

Length [l]	36.8 mm
Pitch	10 mm
Height	29 mm
Solder pin [P]	4.3 mm
Hole diameter	1.4 mm

General

Range of articles	KDS10
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV

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Technical data

General

Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	76 A
Nominal cross section	10 mm ²
Internal cylindrical gage	B6
Stripping length	12 mm
Number of positions	1
Screw thread	M4
Tightening torque, min	1.2 Nm
Tightening torque max	1.5 Nm

Connection data

Conductor cross section AWG min.	20
Conductor cross section AWG max.	6
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	4 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	4 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm ²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Approvals

Approvals

Approvals

DNV GL / CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

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Approvals

Ex Approvals

Approval details

DNV GL	http://exchange.dnv.com/tari/	TAE00001EV
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CSA		http://www.csagroup.org/services-industries/product-listing/	13631
		B	C
Nominal voltage UN		300 V	300 V
Nominal current IN		65 A	65 A
mm ² /AWG/kcmil		18-6	18-6

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425	
		D	B	C
Nominal voltage UN		600 V	250 V	300 V
Nominal current IN		5 A	65 A	65 A
mm ² /AWG/kcmil		24-6	24-6	24-6

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425	
		D	B	C
Nominal voltage UN		600 V	250 V	300 V
Nominal current IN		5 A	65 A	65 A
mm ² /AWG/kcmil		24-6	24-6	24-6

EAC		B.01742
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cULus Recognized	
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