

KDS10 HOUSING - 1840857

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PCB terminal block, nominal current: 76 A, nom. voltage: 320 V, pitch: 10 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green


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	 4 046356 909822
GTIN	4046356909822

Technical data

Dimensions

Length [l]	36.8 mm
Pitch	10 mm
Width [w]	9.96 mm
Height	29 mm
Height [h]	33.3 mm
Solder pin [P]	4.3 mm
Hole diameter	1.4 mm

General

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

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Technical data

General

Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
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	2
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
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Environmental Product Compliance

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

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