PCB terminal block - KDS BU - 1701094

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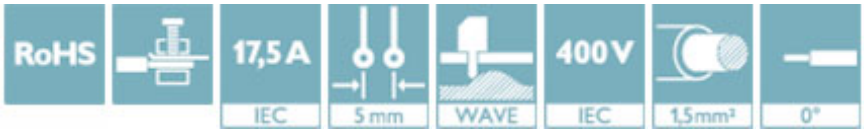
The figure shows a combination as a 15-position version, in green

PCB terminal block, nominal current: 17.5 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 1, connection method: Screw connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: blue. The article can be aligned to create different nos. of positions!

Your advantages

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors
- Quick and convenient testing using integrated test option
- Two solder pins reduce the mechanical strain on the soldering spots
- The latching on the side enables various numbers of positions to be combined



Key Commercial Data

Packing unit	50 pc
GTIN	4 017918 022976
GTIN	4017918022976

Technical data

Dimensions

Length [l]	18.6 mm
Pitch	5 mm
Height	14 mm
Solder pin [P]	4.9 mm
Hole diameter	1.4 mm

General

Range of articles	KDS
Insulating material group	I
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)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	17.5 A
Nominal cross section	1.5 mm²
Maximum load current	24 A (with a 2.5 mm² conductor cross section)
Insulating material	PA
Flammability rating according to UL 94	V2
Stripping length	10 mm
Number of positions	1
Screw thread	M2,6
Tightening torque, min	0.4 Nm
Tightening torque max	0.5 Nm

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	0.75 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	0.5 mm²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V2

Environmental Product Compliance

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

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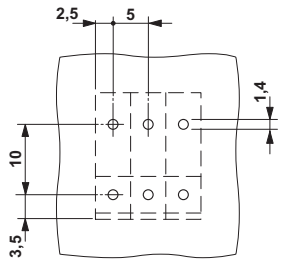
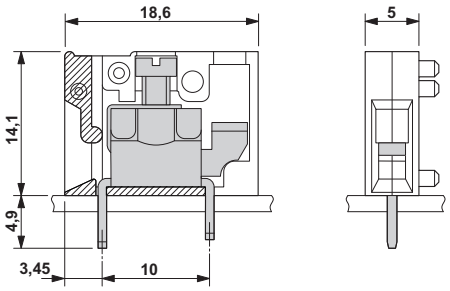
Drawings

Drilling diagram



Dimensional drawing



Approvals

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Approvals

CSA / CCA / UL Recognized / SEV / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631

	B	C
Nominal voltage UN	300 V	50 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	24-12	24-12

CCA	IK-3249
Nominal voltage UN	250 V
mm²/AWG/kcmil	2.5

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425

	B	C
Nominal voltage UN	250 V	50 V
Nominal current IN	15 A	15 A
mm²/AWG/kcmil	30-14	30-14

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Approvals

SEV		https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html	IK-4199

Nominal voltage UN	250 V
Nominal current IN	24 A
mm²/AWG/kcmil	2.5

EAC		B.01742

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