



Automatización Eléctrica
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PCB terminal block - KDS10-PE - 1704033

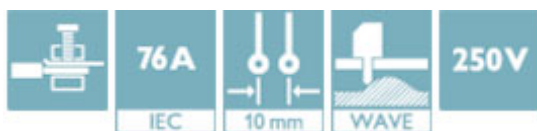
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PCB terminal block, Nominal current: 76 A, Nom. voltage: 320 V, Pitch: 10 mm, Number of positions: 1, Connection method: Screw connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

Why buy this product

- Potential distribution by means of bridges
- High-capacity PCB terminal blocks with a current carrying capacity of up to 76 A at the solder connection
- Individual adjustment of voltage requirements using RZ pitch spacers
- Can also be used as a feed-through terminal block up to 76 A



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 023171

Technical data

Dimensions

Length	36.8 mm
Pitch	10.00 mm
Constructional height	29 mm
Length of the solder pin	4.3 mm
Pin dimensions	1 x 0,9 mm
Hole diameter	1.4 mm

General

Range of articles	KDS10-PE
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V

PCB terminal block - KDS10-PE - 1704033

Technical data

General

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
Maximum load current	76 A (with 16 mm ² conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
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 solid min.	0.5 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	10 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm ²
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

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Technical data

Standards and Regulations

Flammability rating according to UL 94	V0
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Classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

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


Ex Approvals


Approvals submitted


Approval details

PCB terminal block - KDS10-PE - 1704033

Approvals


CSA 		
	B	C
mm²/AWG/kcmil	18-6	18-6

UL Recognized 		
	B	C
mm²/AWG/kcmil	24-6	24-6

cUL Recognized 		
	B	C
mm²/AWG/kcmil	24-6	24-6

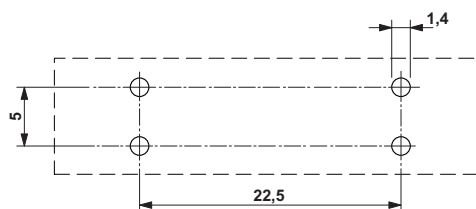
GL

EAC

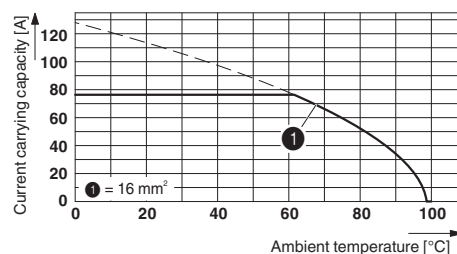
cULus Recognized 
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Drawings

Drilling diagram



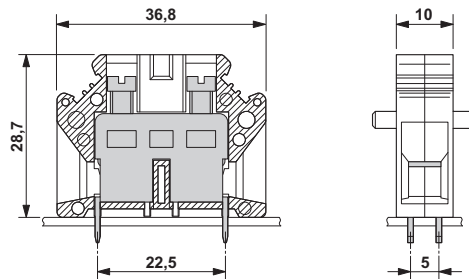
Diagram



Type: KDS 10
Test following DIN EN 60512-5-2:2003-01
Reduction factor = 1
No. of positions: 5

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Dimensional drawing



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Product	Code	Reference	Product link
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