

PCB terminal block - MKDSP 10HV/ 2-12,7 - 1929533

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PCB terminal block, Nominal current: 76 A, Nom. voltage: 1000 V, Pitch: 12.7 mm, Number of positions: 2, Connection method: Screw connection with tension sleeve, 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

- ✔ 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
- ✔ The latching on the side enables various numbers of positions to be combined
- ✔ Integrated protective guide prevents incorrect insertion of the conductor underneath the tension sleeve



Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 017918 819651
GTIN	4017918819651
Custom tariff number	8536901900
Sales Key	AABDAA

Technical data

Dimensions

Length	22 mm
Pitch	12.7 mm
Dimension a	12.7 mm
Width	22.86 mm
Constructional height	30.8 mm
Height	35.8 mm
Length of the solder pin	5 mm

<https://www.phoenixcontact.com/cn/products/1929533>

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Technical data

Dimensions

Pin dimensions	1 x 0,9 mm
Hole diameter	1.5 mm

General

Range of articles	MKDSP 10HV
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 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	10 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 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.	16 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.	16 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.	16 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

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Technical data

Connection data

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm²

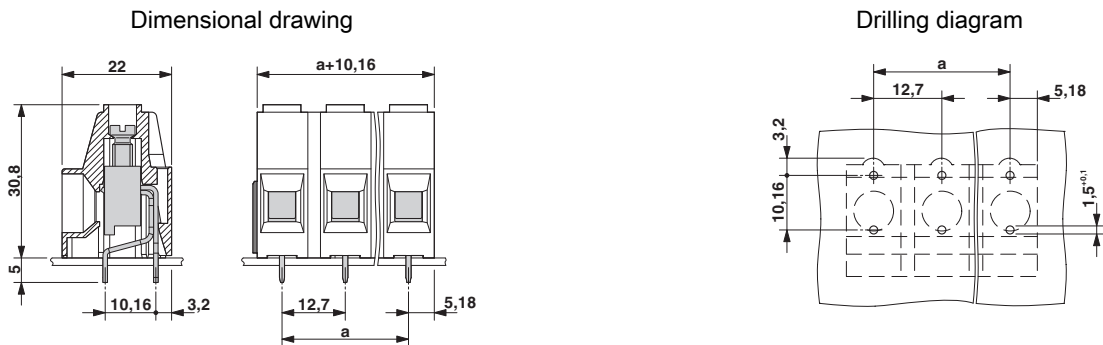
Standards and Regulations

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

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings



Approvals

Approvals

Approvals
SEV / CCA / IECCEB Scheme / EAC / cULus Recognized / CCA / IECCEB Scheme

Ex Approvals

Approval details

<https://www.phoenixcontact.com/cn/products/1929533>

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Approvals

SEV		https://www.electrosuisse.ch/en/meta/shop/product-certificates.html	IK-3542-M1
mm ² /AWG/kcmil		16.0	
Nominal current I _N		57 A	
Nominal voltage U _N		1000 V	

CCA	IK-2722
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IECEE CB Scheme		http://www.iecee.org/	CH-8225
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EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19770427
		B	C
mm ² /AWG/kcmil		20-6	20-6
Nominal current I _N		60 A	60 A
Nominal voltage U _N		600 V	600 V

CCA		IK-2722
mm²/AWG/kcmil	16	
Nominal current I _N	57 A	
Nominal voltage U _N	1000 V	

IECEE CB Scheme		http://www.iecee.org/	CH-8225
mm ² /AWG/kcmil		16	
Nominal current I _N		57 A	
Nominal voltage U _N		1000 V	