PCB terminal block - MKDSP 10/ 2-10,16 - 1706785

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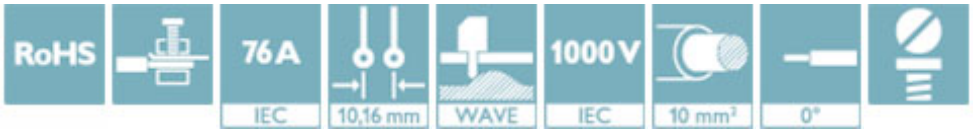
The illustration shows the 3-pos. version

PCB terminal block, Nominal current: 76 A, Nom. voltage: 1000 V, Pitch: 10.16 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
- Integrated protective guide prevents incorrect insertion of the conductor underneath the tension sleeve



Key Commercial Data

Packing unit	50 STK
GTIN	4 017918 129026
GTIN	4017918129026
Weight per Piece (excluding packing)	15.780 g
Custom tariff number	85369010
Country of origin	Poland
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	18.4 mm
Pitch	10.16 mm
Dimension a	10.16 mm
Constructional height	30 mm
Solder pin [P]	5 mm
Pin dimensions	1 x 0,9 mm

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Technical data

Dimensions

Hole diameter	1.5 mm

General

Range of articles	MKDSP 10
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)	690 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 mm²
Maximum load current	76 A (with 16 mm² 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 mm²
Conductor cross section solid max.	16 mm²
Conductor cross section flexible min.	0.5 mm²
Conductor cross section flexible max.	16 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	6
2 conductors with same cross section, solid min.	0.5 mm²
2 conductors with same cross section, solid max.	4 mm²
2 conductors with same cross section, stranded min.	0.5 mm²
2 conductors with same cross section, stranded max.	4 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm²

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Connection data

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

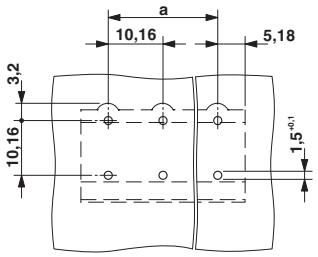
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Environmental Product Compliance

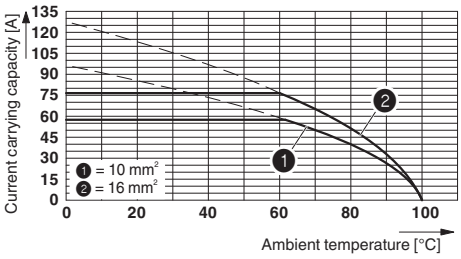
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Drawings

Drilling diagram

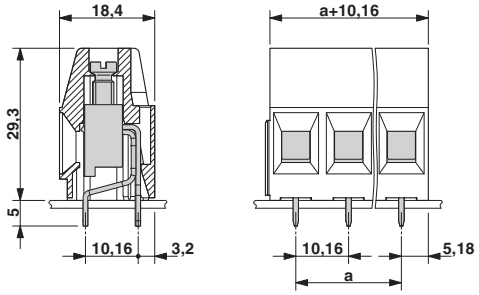


Diagram



Type: MKDSP 10N/...-10,16
Tested in accordance with DIN EN 60512-5-2:2003-01
Reduction factor = 1
No. of positions: 5

Dimensional drawing



Approvals

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Approvals

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SEV / CCA / EAC / CCA / IECEE CB Scheme

Ex Approvals

Approval details

SEV		https://www.electrosuisse.ch/en/meta/shop/product-certificates.html	IK-3542-M1

mm²/AWG/kcmil	16.0
Nominal current IN	57 A
Nominal voltage UN	690 V

CCA	IK-2722

EAC		EAC-Zulassung

CCA	IK-2722
mm²/AWG/kcmil	16
Nominal current IN	57 A
Nominal voltage UN	690 V

IECEE CB Scheme		http://www.iecee.org/	CH-8225

mm²/AWG/kcmil	16
Nominal current IN	57 A
Nominal voltage UN	690 V