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PCB terminal block - MKDSP 10HV/ 2-10,16 - 1929517

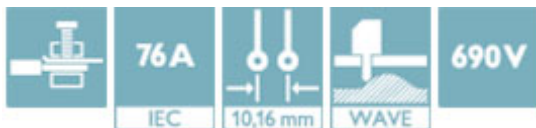
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PCB terminal block, Nominal current: 76 A, Nom. voltage: 1000 V, Pitch: 10.16 mm, Number of positions: 2, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green, The 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
- The latch 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
GTIN	 4 017918 819637

Technical data

Dimensions

Length	22 mm
Pitch	10.16 mm
Dimension a	10.16 mm
Constructional height	31 mm
Length of the solder pin	5 mm
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

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Technical data

General

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 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
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

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Technical data

Standards and Regulations

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

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

UL Recognized / SEV / cUL Recognized / CCA / IECCEB CB Scheme / SEV / EAC / cULus Recognized

Ex Approvals

Approvals submitted

PCB terminal block - MKDSP 10HV/ 2-10,16 - 1929517

Approvals

Approval details

UL Recognized

	B	C	D
mm ² /AWG/kcmil	20-6	20-6	20-6
Nominal current I _N	60 A	60 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

SEV

mm ² /AWG/kcmil	16.0
Nominal current I _N	57 A
Nominal voltage U _N	690 V

cUL Recognized

	B	C	D
mm ² /AWG/kcmil	20-6	20-6	20-6
Nominal current I _N	60 A	60 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

CCA

IECEE CB Scheme

SEV

mm ² /AWG/kcmil	16
Nominal voltage U _N	690 V

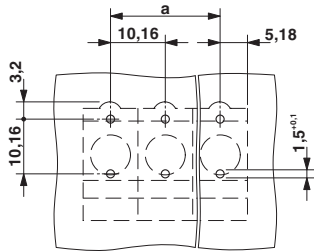
EAC

cULus Recognized

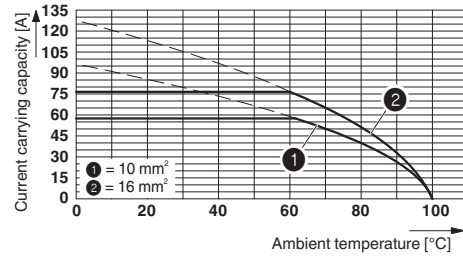
Drawings

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Drilling diagram

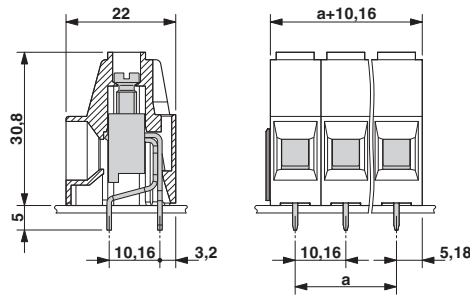


Diagram



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



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Product	Code	Reference	Product link
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