

## PCB terminal block - MKDSP 10HV/ 4-12,7 GYZH1LBDPE - 1763313

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PCB terminal block, nominal current: 76 A, nom. voltage: 1000 V, pitch: 12.7 mm, number of positions: 4, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: gray

The figure shows a 2-pos. version of the product

### 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
- ✓ 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 pc
GTIN	
GTIN	4046356416078

### Technical data

#### Dimensions

Length [ l ]	22 mm
Pitch	12.7 mm
Dimension a	38.1 mm
Width [ w ]	48.26 mm
Height	30.8 mm
Height [ h ]	35.8 mm
Solder pin [P]	5 mm
Hole diameter	1.5 mm

#### General

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## Technical data

### General

Range of articles	MKDSP 10HV
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 <sup>2</sup>
Internal cylindrical gage	B6
Stripping length	10 mm
Number of positions	4
Screw thread	M4
Tightening torque, min	1.2 Nm
Tightening torque max	1.5 Nm

### Connection data

Conductor cross section AWG min.	20
Conductor cross section AWG max.	6
2 conductors with same cross section, solid min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm <sup>2</sup>

### Standards and Regulations

Connection in acc. with standard	EN-VDE
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### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## PCB terminal block - MKDSP 10HV/ 4-12,7 GYRZH1LBDPE - 1763313

### Approvals

#### Approvals

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#### Approvals


EAC

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#### Ex Approvals

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### Approval details

EAC		B.01742
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