

PCB terminal block - MKDS 5/ 5-6,35 - 1713985

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PCB terminal block, nominal current: 32 A, nom. voltage: 630 V, pitch: 6.35 mm, number of positions: 5, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0°, color: green

Why buy this product

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors
- The latching on the side enables various numbers of positions to be combined



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 231163
GTIN	4017918231163

Technical data

Dimensions

Length [l]	12.5 mm
Pitch	6.35 mm
Dimension a	25.4 mm
Width [w]	31.75 mm
Constructional height	21.5 mm
Height [h]	26.6 mm
Solder pin [P]	5.1 mm
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm

General

Range of articles	MKDS 5
Insulating material group	I

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Technical data

General

Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	32 A
Nominal cross section	4 mm ²
Maximum load current	32 A
Flammability rating according to UL 94	V0
Internal cylindrical gage	A4
Stripping length	8 mm
Number of positions	5
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.75 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.	2.5 mm ²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
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"

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Approvals


Approvals


Approvals

CSA / SEV / CCA / EAC / cULus Recognized / DNV GL / RS

Ex Approvals


Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
		B	D
mm ² /AWG/kcmil		28-10	28-10
Nominal current I _N		10 A	10 A
Nominal voltage U _N		300 V	300 V

SEV		https://www.electrosuisse.ch/en/meta/shop/product-certificates.html	IK-4199
mm ² /AWG/kcmil		4	
Nominal current I _N		32 A	
Nominal voltage U _N		450 V	

CCA			IK-3249
mm ² /AWG/kcmil		4	
Nominal voltage U _N		450 V	

EAC			B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19770427
		B	D
mm ² /AWG/kcmil		30-10	30-10
Nominal current I _N		30 A	10 A

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Approvals

	B	D
Nominal voltage UN	300 V	300 V

DNV GL	http://exchange.dnv.com/tari/	TAE00001EV
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RS		http://www.rs-head.spb.ru/en/index.php	17.00014.272
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