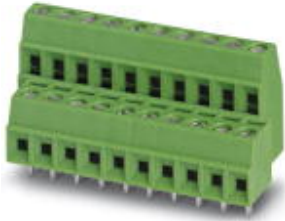


PCB terminal block - MKKDS 1/ 2-3,5 - 1751390

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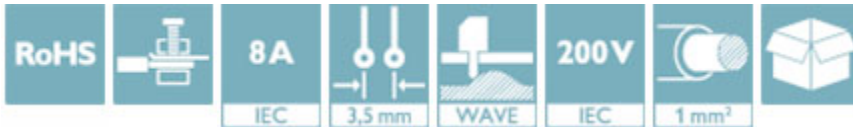


PCB terminal block, Nominal current: 8 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 2, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green


The figure shows a 10-pos. version with 20 contacts

Why buy this product

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ Allows connection of two conductors
- ✓ Extremely small design for the respective conductor cross section
- ✓ Conductor connection on several levels enables higher contact density



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 017918 115920
GTIN	4017918115920
Weight per Piece (excluding packing)	2.760 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	16.3 mm
Pitch	3.5 mm
Dimension a	3.5 mm

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Technical data

Dimensions

Constructional height	17 mm
Height	16.2 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,5 x 0,9 mm
Hole diameter	1.1 mm

General

Range of articles	MKKDS 1
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal cross section	1 mm ²
Maximum load current	10 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	5 mm
Number of positions	2
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	1 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.5 mm ²
Conductor cross section AWG min.	26

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Technical data

Connection data

Conductor cross section AWG max.	16
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	0.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	0.2 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"

Approvals

Approvals

Approvals

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


Ex Approvals

Approval details


CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
	B	D	
mm ² /AWG/kcmil	28-16	28-16	
Nominal current I _N	10 A	10 A	
Nominal voltage U _N	150 V	300 V	


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Approvals

SEV		https://www.electrosuisse.ch/en/meta/shop/product-certificates.html	IK-3542-M1
mm ² /AWG/kcmil	1.5		
Nominal current IN	10 A		
Nominal voltage UN	125 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	D	
mm ² /AWG/kcmil	30-16	30-16	
Nominal current IN	10 A	10 A	
Nominal voltage UN	300 V	300 V	

CCA	IK-2722
mm ² /AWG/kcmil	1.5
Nominal current IN	12 A
Nominal voltage UN	125 V

IECEE CB Scheme		http://www.iecee.org/	CH-8225
mm ² /AWG/kcmil	1.5		
Nominal current IN	10 A		

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Approvals

Nominal voltage UN	125 V