

PCB terminal block - MKDSN 1,5/ 3-5,08 HT BK - 1985878

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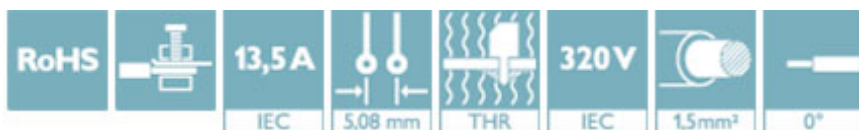


PCB terminal block, Nominal current: 13.5 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 3, Connection method: Screw connection with tension sleeve, Mounting: THR soldering, Conductor/PCB connection direction: 0 °, Color: black, This article can be soldered in the reflow furnace together with SMD components.

The illustration shows a 2-position version

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
- ✓ Designed for integration into the SMT soldering process
- ✓ The latching on the side enables various numbers of positions to be combined



Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 017918 929275
GTIN	4017918929275
Weight per Piece (excluding packing)	3.470 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	8.1 mm
Pitch	5.08 mm
Dimension a	10.16 mm
Width	15.24 mm
Constructional height	10 mm

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Technical data

Dimensions

Height	13.5 mm
Solder pin [P]	3.5 mm
Pin dimensions	0,5 x 1 mm
Hole diameter	1.3 mm

General

Range of articles	MKDSN 1,5/...-HT
Insulating material group	IIIa
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	200 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	13.5 A
Nominal cross section	1.5 mm ²
Maximum load current	13.5 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	6 mm
Number of positions	3
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 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.	1.5 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.	1 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.	1.5 mm ²
Conductor cross section AWG min.	26
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.	0.75 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²

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Technical data

Connection data

2 conductors with same cross section, stranded max.	0.75 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.	0.5 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.	0.75 mm ²

Standards and Regulations

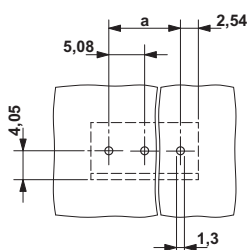
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

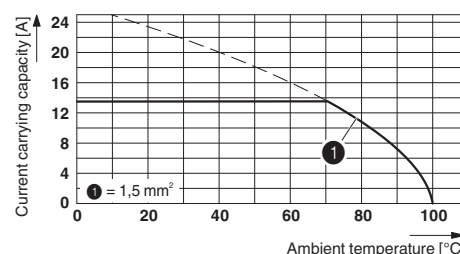
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Drilling diagram

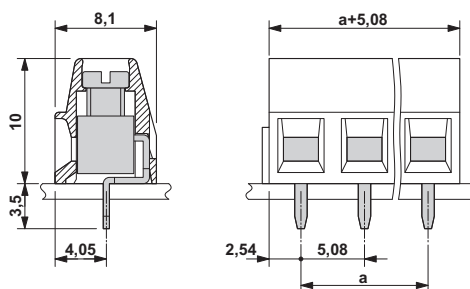


Diagram



Type: MKDSN 1,5/5
 Test following DIN EN 60512-5-2:2003-01
 Reduction factor = 1
 No. of pos.:5

Dimensional drawing



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Approvals

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

Ex Approvals

Approval details

SEV		https://www.electrosuisse.ch/en/meta/shop/product-certificates.html	IK-3542-M1
mm²/AWG/kcmil		1.5	
Nominal current I _N		13.5 A	
Nominal voltage U _N		250 V	

CCA	IK-2722
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IECCEB 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
mm²/AWG/kcmil		30-14	30-14
Nominal current I _N		10 A	10 A
Nominal voltage U _N		300 V	300 V

CCA		IK-2722
mm²/AWG/kcmil	1.5	
Nominal current I _N	13.5 A	
Nominal voltage U _N	250 V	

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Approvals

IECEE CB Scheme			http://www.iecee.org/	CH-8225
mm ² /AWG/kcmil		1.5		
Nominal current I _N		13.5 A		
Nominal voltage U _N		250 V		