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PCB terminal block - MKDSN 1,5/ 8 HT BK - 1753611

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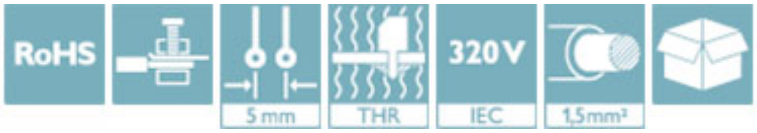
The illustration shows a 2-position version

PCB terminal block, Nominal current: 13.5 A, Nom. voltage: 320 V, Pitch: 5 mm, Number of positions: 8, Connection method: Screw connection with tension sleeve, Mounting: THR soldering, Conductor/PCB connection direction: 0 °, Color: black

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 046356 321709
GTIN	4046356321709
Custom tariff number	8536909000
Sales Key	AAABHA

Technical data

Dimensions

Length	8.1 mm
Pitch	5 mm
Dimension a	35 mm
Width	40 mm
Constructional height	10 mm
Height	13.5 mm

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Technical data

Dimensions

Length of the solder pin	3.5 mm
Pin dimensions	0,5 x 1 mm
Hole diameter	1.3 mm

General

Range of articles	MKDSN 1,5/..-HT
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 mm²
Solder pin surface	Sn
Internal cylindrical gage	A1
Stripping length	6 mm
Number of positions	8
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section AWG min.	26
Conductor cross section AWG max.	16
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	0.75 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	0.75 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.75 mm²

Standards and Regulations

Connection in acc. with standard	EN-VDE

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50

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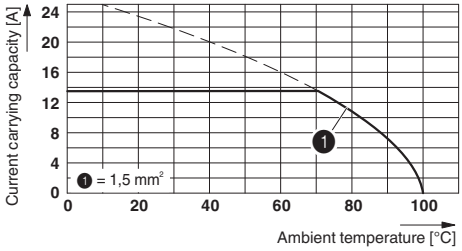
Technical data

Environmental Product Compliance

	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Drawings

Diagram



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

Approvals

Approvals

Approvals

SEV / CCA / EAC / CCA / IECEE CB 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 IN	13.5 A
Nominal voltage UN	250 V

CCA	IK-2722

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Approvals

EAC	EAC	B.01742

CCA	IK-2722
mm²/AWG/kcmil	1.5
Nominal current IN	13.5 A
Nominal voltage UN	250 V

IECEE CB Scheme	CB scheme	http://www.iecee.org/	CH-8225

mm²/AWG/kcmil	1.5
Nominal current IN	13.5 A
Nominal voltage UN	250 V