PCB terminal block - MKDSN 1,5/ 4 - 1729034

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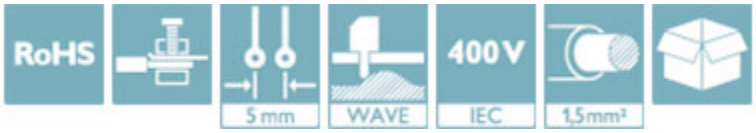
PCB terminal block, Nominal current: 13.5 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 4, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green

The figure shows a 10-pos. version of the product in 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
- Extremely small design for the respective conductor cross section
- The latching on the side enables various numbers of positions to be combined



Key Commercial Data

Packing unit	1 STK
GTIN	4 017918 025908
GTIN	4017918025908
Weight per Piece (excluding packing)	3.680 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	8.1 mm
Pitch	5.00 mm
Dimension a	15 mm
Width	20 mm

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Technical data

Dimensions

Constructional height	10 mm
Height	13.5 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,5 x 1 mm
Pin spacing	5 mm
Hole diameter	1.3 mm

General

Range of articles	MKDSN 1,5
Insulating material group	I
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)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	13.5 A
Nominal cross section	1.5 mm²
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	4
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²

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Technical data

Connection data

Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm²
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

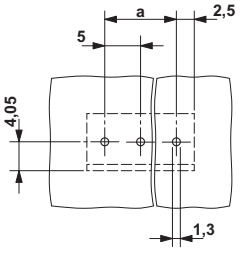
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

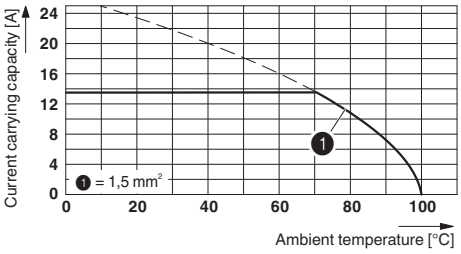
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Drawings

Drilling diagram



Diagram



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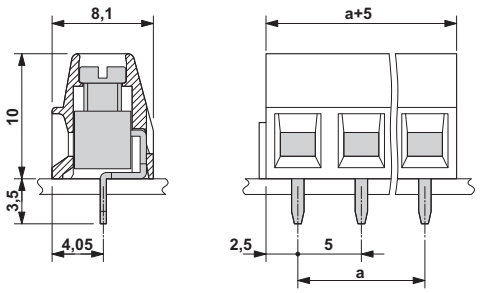
Dimensional drawing



Approvals

Approvals

Approvals

CSA / SEV / GL / CCA / IECEE CB Scheme / RS / EAC / cULus Recognized

Ex Approvals

Approval details

CSA http://www.csagroup.org/services/testing-and-certification/certified-product-listing/ 13631

	B	D
mm²/AWG/kcmil	28-14	28-14
Nominal current IN	10 A	10 A
Nominal voltage UN	150 V	300 V

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

GL http://www.gl-group.com/newbuilding/approvals/index.html 9888096 HH

CCA IK-2722

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Approvals

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

RS http://www.rs-head.spb.ru/en/index.php 11.04057.250

EAC B.01742

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 IN	10 A	10 A
Nominal voltage UN	300 V	300 V