

PCB terminal block - MKDS 2,5/ 2-5,08 - 1730395

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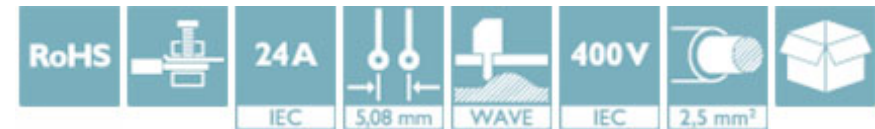


PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 2, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green

The illustration shows a combination as a 12-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
- ✓ Integrated protective guide prevents incorrect insertion of the conductor underneath the tension sleeve



Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 017918 026332
GTIN	4017918026332
Custom tariff number	8536909000
Sales Key	AAACAA

Technical data

Dimensions

Length	11.62 mm
Pitch	5.08 mm
Dimension a	5.08 mm
Constructional height	18 mm
Length of the solder pin	3.7 mm
Pin dimensions	1,1 x 0,8 mm
Hole diameter	1.4 mm

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Technical data

General

Range of articles	MKDS 2,5
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	24 A
Nominal cross section	2.5 mm ²
Maximum load current	24 A (with a 2.5 mm ² conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	8 mm
Number of positions	2
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.	2.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	2.5 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.	2.5 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.	1.5 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
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
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.	0.75 mm ²

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Technical data

Connection data

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.	1.5 mm ²

Standards and Regulations

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

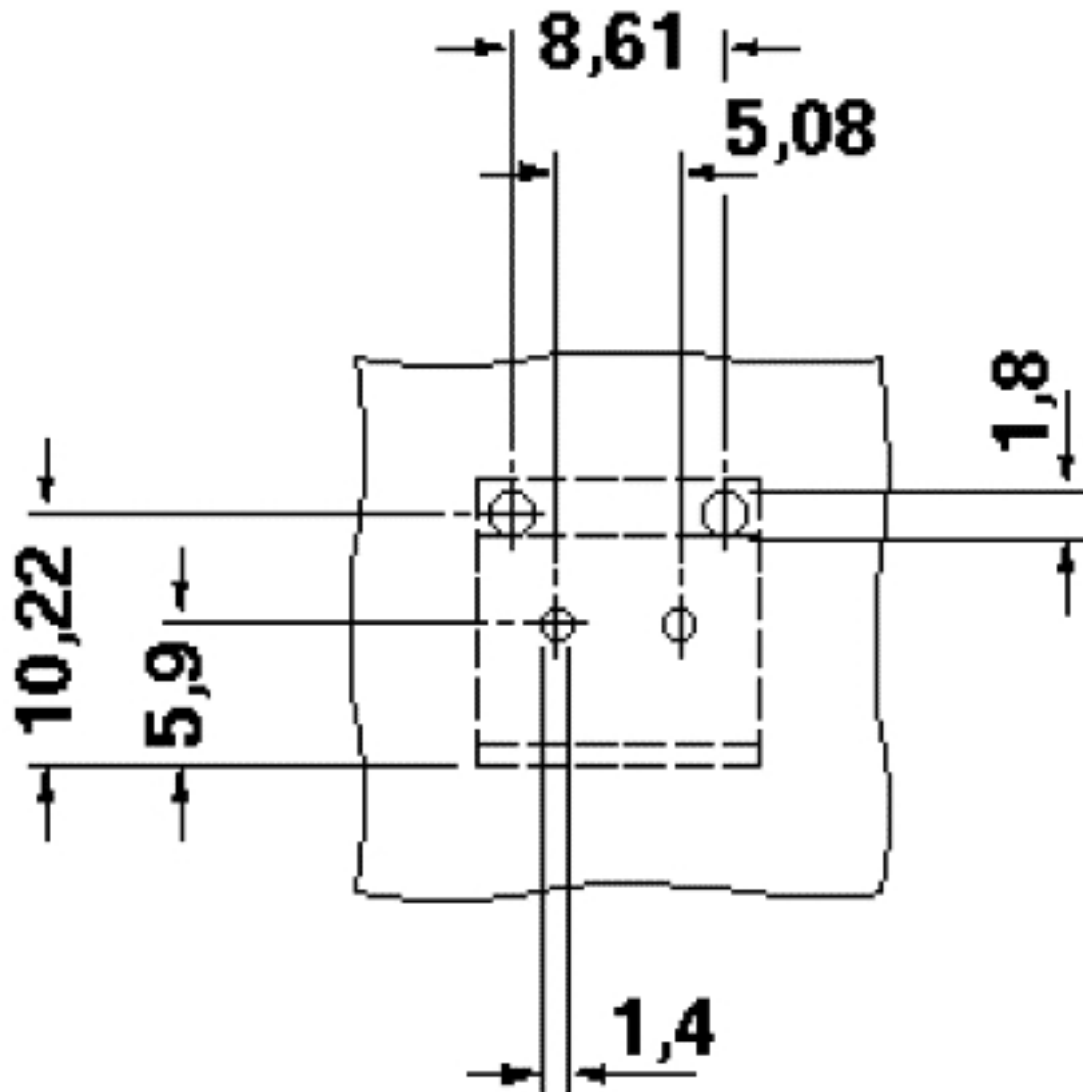
Environmental Product Compliance

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

Drawings

PCB terminal block - MKDS 2,5/ 2-5,08 - 1730395

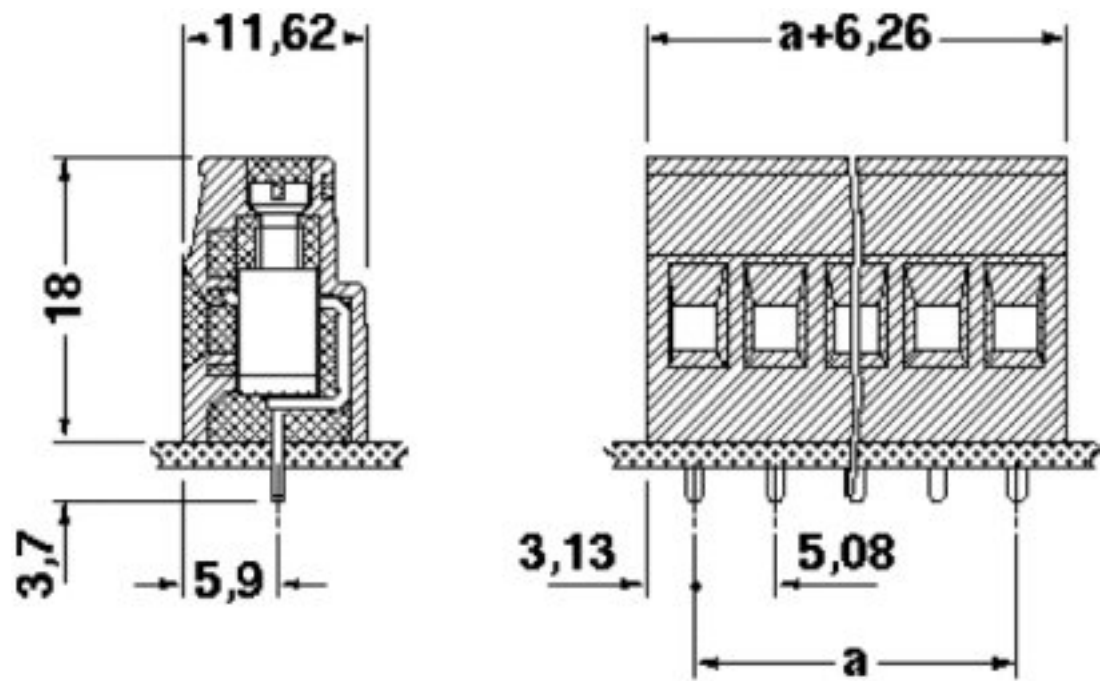
Drilling diagram



2, 3, and 4-pos-. versions with additional locating pins - for details, see product range drawing in download area

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Dimensional drawing



2, 3, and 4-pos- versions with additional locating pins - for details, see product range drawing in download area

Approvals

Approvals

Approvals
CSA / SEV / CCA / EAC / cULus Recognized

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
mm²/AWG/kcmil		28-12	
Nominal current IN		10 A	
Nominal voltage UN		300 V	

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Approvals

SEV		https://www.electrosuisse.ch/en/meta/shop/product-certificates.html	IK-3535
mm²/AWG/kcmil		2.5	
Nominal voltage UN		400 V	

CCA	IK-2389		
mm²/AWG/kcmil		2.5	
Nominal voltage UN		400 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	
mm²/AWG/kcmil	30-12	30-12	
Nominal current IN	10 A	10 A	
Nominal voltage UN	300 V	300 V	

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