

1706413
<https://www.phoenixcontact.com/us/products/1706413>

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PCB terminal block, number of positions per row: 2, product range: MK3DS 1,5/- BC, pitch: 5.08 mm, screw head form: L Slotted, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, type of packaging: packed in cardboard. The article can be aligned to create different nos. of positions!

Your advantages

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors
- Conductor connection on several levels enables higher contact density
- The latching on the side enables various numbers of positions to be combined

Commercial data

Item number	1706413
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	AA12
Product key	AALFJD
Catalog page	Page 99 (C-1-2013)
GTIN	4017918144708
Weight per piece (including packing)	9.561 g
Weight per piece (excluding packing)	8.783 g
Customs tariff number	85369010
Country of origin	DE

MK3DS 1,5/ 2-5,08-BC - PCB terminal block



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Technical data

Product properties

Product type	Printed circuit board terminal
Product family	MK3DS 1,5/..- BC
Type	PC terminal block can be aligned
Number of positions	2
Pitch	5.08 mm
Pin layout	Linear pinning

Electrical properties

Maximum load current	17.5 A (with a 2.5 mm² conductor cross section)
Rated voltage (II/2)	630 V
Rated voltage (III/2)	400 V
Rated surge voltage (II/2)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (III/3)	4 kV

Mounting

Mounting type	Wave soldering
Pin layout	Linear pinning
Drive form screw head	Slotted (L)

Material specifications

Color	green
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Contact surface	Tin Sn

Dimensions

Dimensional drawing	
Width	12.7 mm
Height	40.1 mm
Installed height	36.6 mm
Length of the solder pin	3.5 mm
Length	22.2 mm
Length of the solder pin	3.5 mm
Hole diameter	1.3 mm

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Pitch	5.08 mm
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PCB design

Pin spacing	25.4 mm
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Packaging specifications

Type of packaging	packed in cardboard
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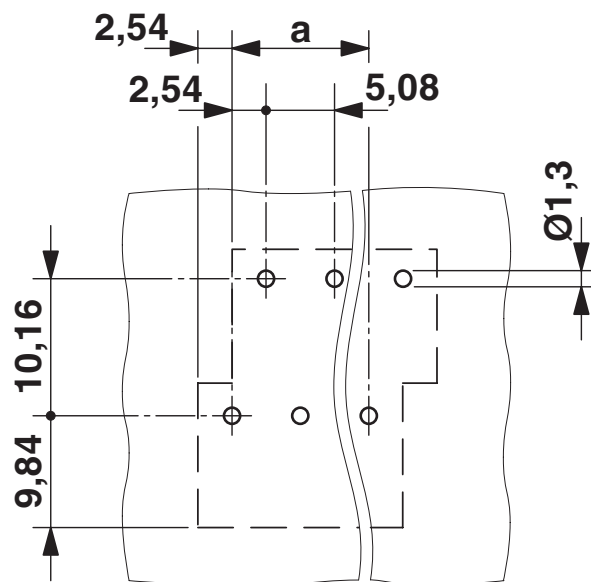
MK3DS 1,5/ 2-5,08-BC - PCB terminal block

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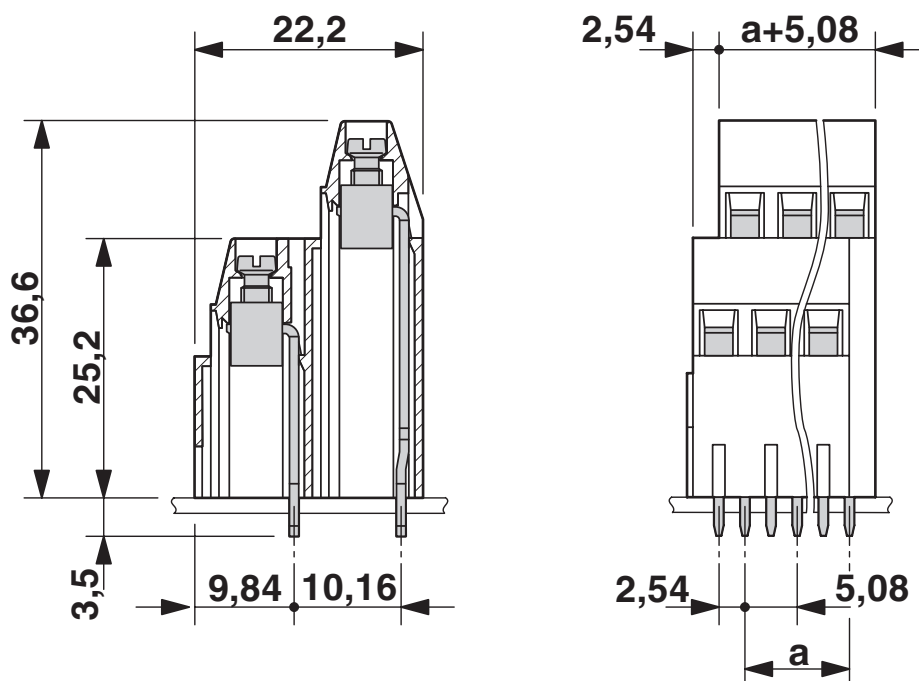
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Drawings

Drilling plan/solder pad geometry



Dimensional drawing



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1706413>

	VDE Zeichengenehmigung Approval ID: 40055535			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	400 V	17.5 A	-	0.2 - 2.5

	cULus Recognized Approval ID: E60425-19870326			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
	125 V	10 A	30 - 14	-
Use group D				
	300 V	10 A	30 - 14	-

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Classifications

ECLASS

ECLASS-11.0	27460101
ECLASS-12.0	27460101
ECLASS-13.0	27460101

ETIM

ETIM 9.0	EC002643
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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Accessories

SK 5,08/3,8:FORTL.ZAHLEN - Marker card

0804293

<https://www.phoenixcontact.com/us/products/0804293>



Marker card, white, labeled, horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... (99)100, mounting type: adhesive, for terminal block width: 5.08 mm, lettering field size: 5.08 x 3.8 mm

SZS 0,6X3,5 - Screwdriver

1205053

<https://www.phoenixcontact.com/us/products/1205053>



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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EBP 2- 5 - Insertion bridge

1733169

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Insertion bridge for connectors with 5.0 mm or 5.08 mm pitch



CRIMPFOX 6 - Crimping pliers

1212034

<https://www.phoenixcontact.com/us/products/1212034>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

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