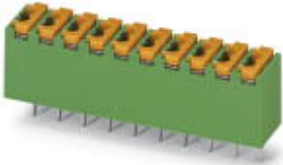


PCB terminal block - FK-MPT 0,5/ 2-3,5 - 1891069

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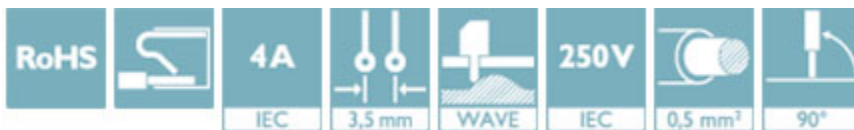
PCB terminal block, nominal current: 4 A, nom. voltage: 250 V, pitch: 3.5 mm, number of positions: 2, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green




The figure shows an 10-position version

Why buy this product

- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Intuitive use through colour coded actuation lever
- ✓ Potentials can be easily looped through – ideal for BUS applications
- ✓ Small component size for applications where space is at a premium
- ✓ Vertical connection enables multi-row arrangement on the PCB



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 017918 169589
GTIN	4017918169589
Weight per Piece (excluding packing)	0.900 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length [l]	7 mm
Pitch	3.5 mm

PCB terminal block - FK-MPT 0,5/ 2-3,5 - 1891069

Technical data

Dimensions

Dimension a	3.5 mm
Width [w]	7.5 mm
Constructional height	9.5 mm
Height [h]	13 mm
Solder pin [P]	3.5 mm
Pin dimensions	0,35 x 0,9
Hole diameter	1 mm

General

Range of articles	FK-MPT 0,5/..-V
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	250 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	4 A
Nominal cross section	0.5 mm ²
Maximum load current	4 A (with 0.5 mm ² conductor cross section)
Insulating material	PBT
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	6.5 mm
Number of positions	2

Connection data

Conductor cross section solid min.	0.12 mm ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	20

Standards and Regulations

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

Environmental Product Compliance

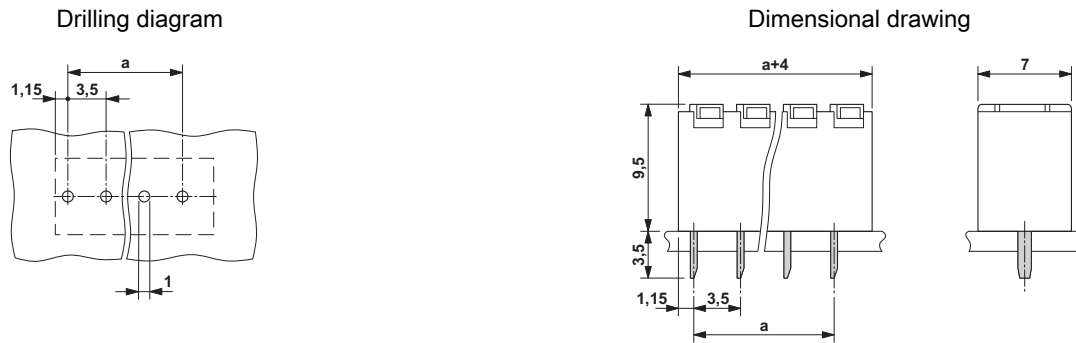
PCB terminal block - FK-MPT 0,5/ 2-3,5 - 1891069

Technical data

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings



Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643
ETIM 6.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

PCB terminal block - FK-MPT 0,5/ 2-3,5 - 1891069

Approvals


Approvals


Approvals


UL Recognized / SEV / cUL Recognized / CCA / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
mm ² /AWG/kcmil	28-20	28-20	
Nominal current IN	4 A	4 A	
Nominal voltage UN	300 V	300 V	

SEV		https://www.electrosuisse.ch/en/meta/shop/product-certificates.html	IK-3558-M1
mm ² /AWG/kcmil	0.5		
Nominal current IN	3 A		
Nominal voltage UN	160 V		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
mm ² /AWG/kcmil	28-20	28-20	
Nominal current IN	4 A	4 A	
Nominal voltage UN	300 V	300 V	

CCA	IK-2681		
mm ² /AWG/kcmil	0.5		
Nominal current IN	3 A		

PCB terminal block - FK-MPT 0,5/ 2-3,5 - 1891069

Approvals

Nominal voltage UN	160 V
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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
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Accessories

Accessories

PCB headers

Base strip - FK-MPT 0,5/ 2-ICA-3,5 - 1930328



Header, nominal current: 3 A, rated voltage (III/2): 250 V, number of positions: 2, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block.

Base strip - FK-MPT 0,5/ 2-ICVA-3,5 - 1930470



Header, nominal current: 3 A, rated voltage (III/2): 250 V, number of positions: 2, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block.

Screwdriver tools

Screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

Additional products

PCB terminal block - FK-MPT 0,5/ 2-3,5 - 1891069

Accessories

Base strip - FK-MPT 0,5/ 2-ICA-3,5 - 1930328



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Base strip - FK-MPT 0,5/ 2-ICVA-3,5 - 1930470



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