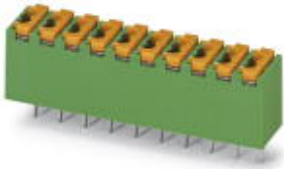


PCB terminal block - FK-MPT 0,5/ 4-3,5 - 1891085

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PCB terminal block, Nominal current: 4 A, Nom. voltage: 250 V, Pitch: 3.5 mm, Number of positions: 4, Connection method: Push-in spring connection, Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green




The figure shows a 10-position version of the product

Product Features

- ✓ Miniature connection terminal for solid conductors
- ✓ More user friendly thanks to direct plug-in technology with release button
- ✓ Potentials can be easily looped through thanks to the double connection



Key Commercial Data

Packing unit	50 pc
GTIN	 4 017918 169602
Weight per Piece (excluding packing)	1.657 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	7 mm
Pitch	3.50 mm
Dimension a	10.5 mm
Width	14.5 mm
Constructional height	12.4 mm
Height	15.9 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,4 x 0,9 mm
Hole diameter	1 mm

General

Range of articles	FK-MPT 0,5/..-V
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Technical data

General

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	4

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

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

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643

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Classifications

ETIM

ETIM 5.0	EC002643
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UNSPSC

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

Approvals

Approvals


Approvals

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

Ex Approvals

Approvals submitted

Approval details

UL Recognized 		
	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	
mm ² /AWG/kcmil	0.5
Nominal current IN	3 A
Nominal voltage UN	160 V

PCB terminal block - FK-MPT 0,5/ 4-3,5 - 1891085

Approvals

cUL Recognized		
	B	D
mm ² /AWG/kcmil	28-20	28-20
Nominal current I _N	4 A	4 A
Nominal voltage U _N	300 V	300 V

EAC

cULus Recognized

Accessories

Accessories

Printed circuit board housing

Base strip - FK-MPT 0,5/ 4-IC-3,5 - 1905366



Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 4, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: Soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block.

Base strip - FK-MPT 0,5/ 4-ICV-3,5 - 1905515



Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 4, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: 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

PCB terminal block - FK-MPT 0,5/ 4-3,5 - 1891085

Accessories

Additional products

Base strip - FK-MPT 0,5/ 4-IC-3,5 - 1905366



Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 4, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: Soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block.

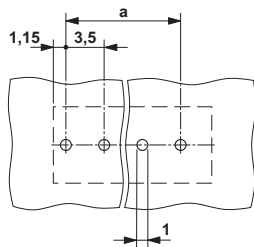
Base strip - FK-MPT 0,5/ 4-ICV-3,5 - 1905515



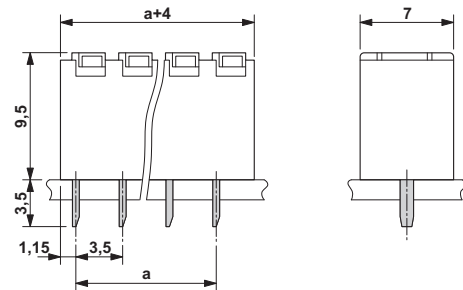
Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 4, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: Soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block.

Drawings

Drilling diagram



Dimensional drawing



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Diagram

