PCB terminal block - FK-MPT 0,5/ 9-3,5 - 1891137

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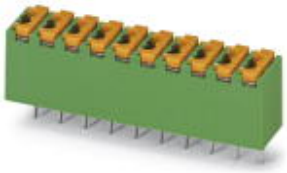

The figure shows a 10-position version of the product

PCB terminal block, Nominal current: 4 A, Nom. voltage: 250 V, Pitch: 3.5 mm, Number of positions: 9, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green

Why buy this product

- Available as a PCB terminal block or as a plug
- Miniature connection terminal for solid conductors
- 3.5 mm pitch
- Potentials can be easily looped through thanks to the double connection
- More user friendly thanks to direct plug-in technology with release button

Key commercial data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	4 017918 169657
Weight per Piece (excluding packing)	2.86 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	7 mm
Pitch	3.5 mm
Dimension a	28 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 mm²
Maximum load current	4 A (with 0.5 mm² conductor cross section)
Insulating material	PBT
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	6.5 mm
Number of positions	9

Connection data

Conductor cross section solid min.	0.12 mm²
Conductor cross section solid max.	0.5 mm²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	20

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
ETIM 5.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432

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Classifications

UNSPSC

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
mm²/AWG/kcmil	28-20	28-20
Nominal current IN	4 A	4 A
Nominal voltage UN	300 V	300 V

SEV

mm²/AWG/kcmil	0.5
Nominal current IN	3 A
Nominal voltage UN	160 V

cUL Recognized

	B	D
mm²/AWG/kcmil	28-20	28-20
Nominal current IN	4 A	4 A
Nominal voltage UN	300 V	300 V

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Approvals

EAC

cULus Recognized

Accessories

Accessories

Printed circuit board housing

Base strip - FK-MPT 0,5/ 9-IC-3,5 - 1905418

Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 9, 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/ 9-ICV-3,5 - 1905560

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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

Base strip - FK-MPT 0,5/ 9-IC-3,5 - 1905418

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Accessories

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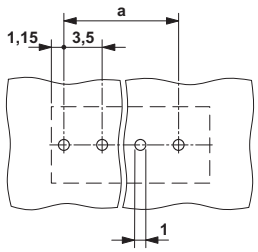
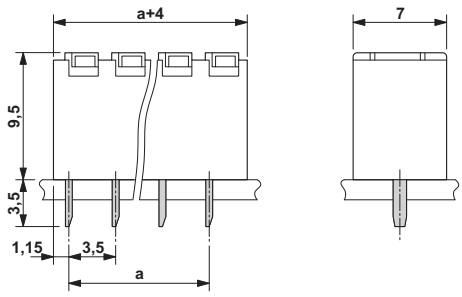
Drawings

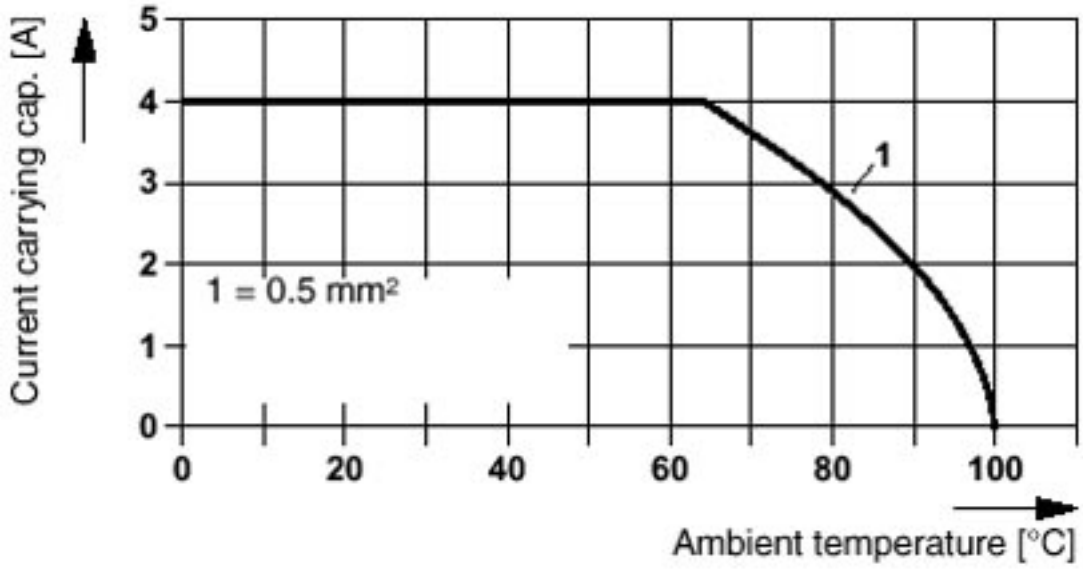
Drilling diagram



Dimensioned drawing



Diagram



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