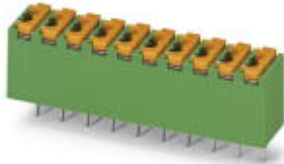


PCB terminal block - FK-MPT 0,5/ 8-3,5 - 1891124

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PCB terminal block, Nominal current: 4 A, Nom. voltage: 250 V, Pitch: 3.5 mm, Number of positions: 8, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green

The figure shows a 10-position version of the product

Product Features

- ☒ Available as a PCB terminal block or as a plug
- ☒ 3.5 mm pitch
- ☒ 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

package_quantity	50
GTIN	4017918169640

Technical data

Dimensions

Length	7 mm
Pitch	3.5 mm
Dimension a	24.5 mm
Pin dimensions	0,4 x 0,9 mm
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

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Technical data

General

Maximum load current	4 A (with 0.5 mm ² 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	8

Connection data

Conductor cross section solid min.	0.12 mm ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	20
Minimum AWG according to UL/CUL	28
Maximum AWG according to UL/CUL	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
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

approvals

UL Recognized / SEV / cUL Recognized / GOST / CCA / cULus Recognized /

Approval details

PCB terminal block - FK-MPT 0,5/ 8-3,5 - 1891124

approvals

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

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

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

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

cULus Recognized 	
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accessories

Printed circuit board housing

PCB terminal block - FK-MPT 0,5/ 8-3,5 - 1891124

accessories

FK-MPT 0,5/ 8-IC-3,5 - 1905405



FK-MPT 0,5/ 8-ICV-3,5 - 1905557



Screwdriver tools

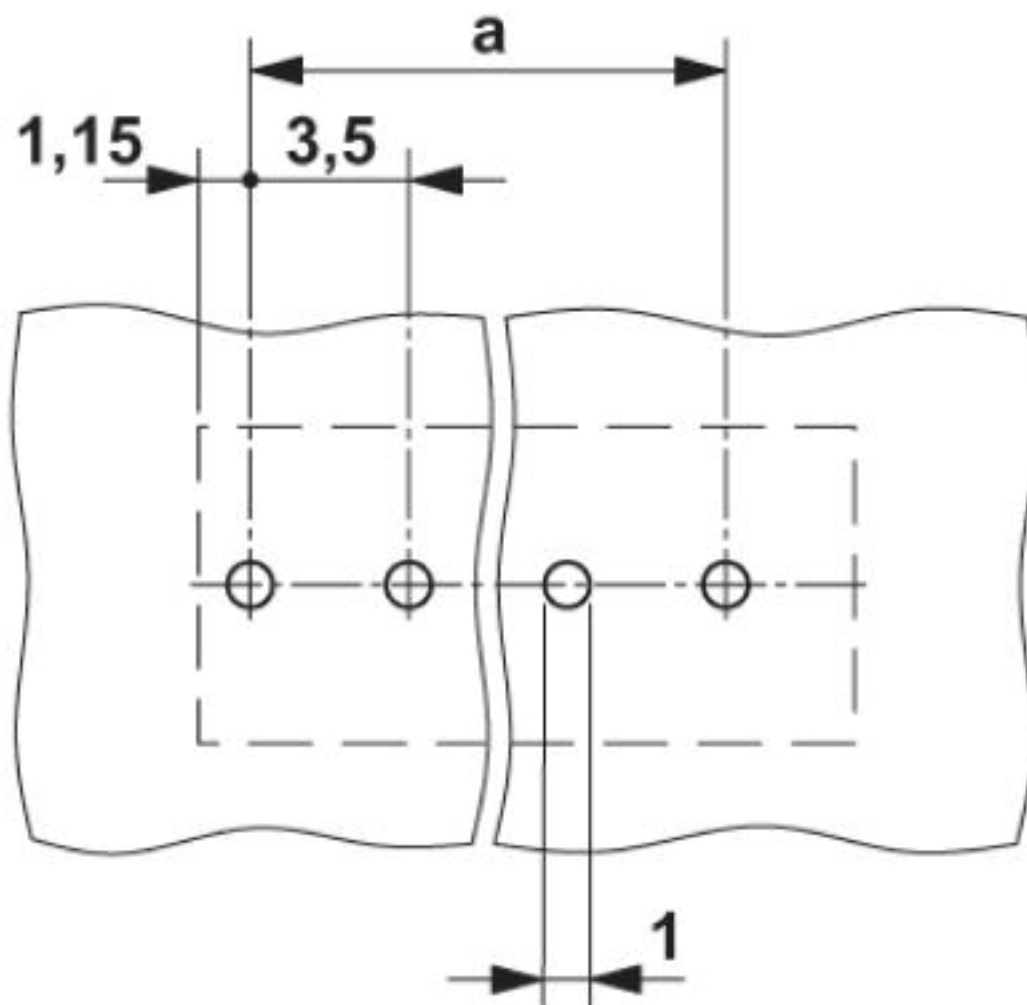
SZF 0-0,4X2,5 - 1204504



Drawings

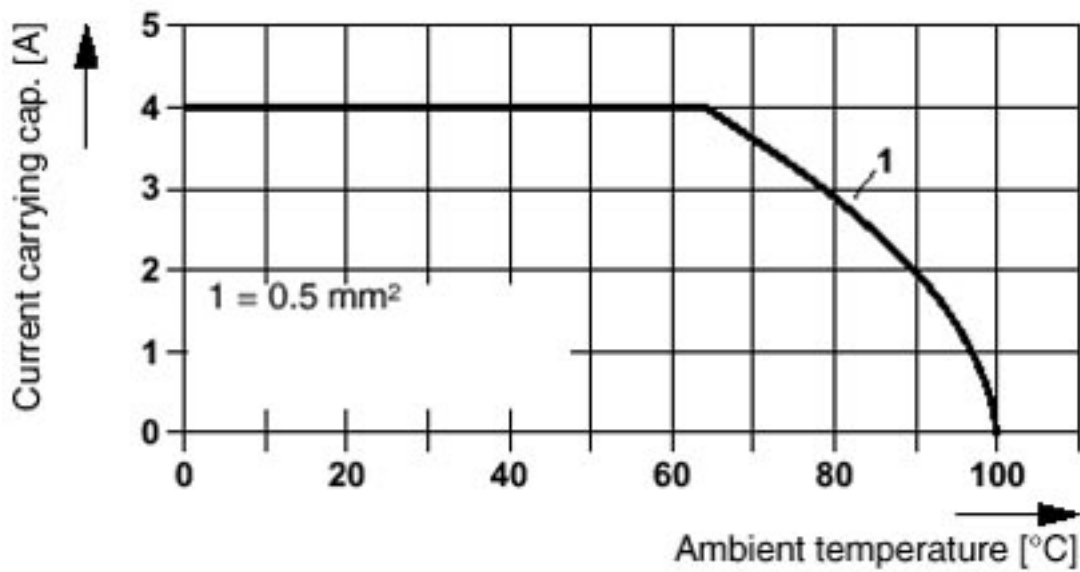
PCB terminal block - FK-MPT 0,5/ 8-3,5 - 1891124

Drilling diagram



PCB terminal block - FK-MPT 0,5/ 8-3,5 - 1891124

Diagram



Dimensioned drawing

