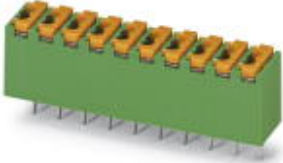


PCB terminal block - FK-MPT 0,5/ 5-3,5 - 1891098

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PCB terminal block, Nominal current: 4 A, Nom. voltage: 250 V, Pitch: 3.5 mm, Number of positions: 5, 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	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	2.09 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	7 mm
Pitch	3.50 mm
Dimension a	14 mm
Width	18 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

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Technical data

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	5

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

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 I _N	4 A	4 A
Nominal voltage U _N	300 V	300 V

SEV	
mm ² /AWG/kcmil	0.5
Nominal current I _N	3 A
Nominal voltage U _N	160 V

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Approvals

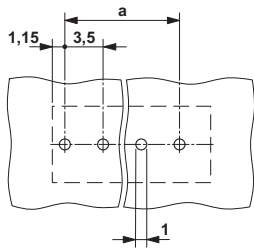
cUL Recognized		
	B	D
mm ² /AWG/kcmil	28-20	28-20
Nominal current I _N	4 A	4 A
Nominal voltage U _N	300 V	300 V

EAC

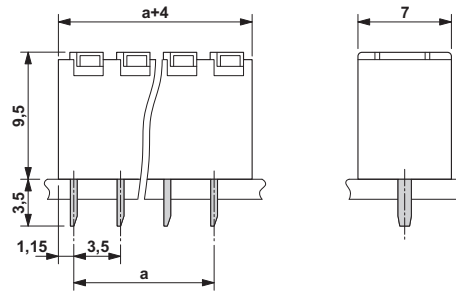
cULus Recognized

Drawings

Drilling diagram



Dimensional drawing



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Diagram

