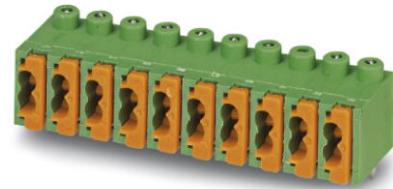


## FK-MPT 0,5/14-3,5-H

Order No.: 1928880

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1928880>

PC terminal block, Nominal current: 4 A, Nom. voltage: 250 V, Pitch: 3.5 mm, Number of positions: 14, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

### Commercial data

GTIN (EAN)	 4 017918 591335
Note	Made-to-order
sales group	E411
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 509 (CC-2011)

### Product notes

WEEE/RoHS-compliant since:  
01/01/2003



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### Dimensions / positions

Length	9.5 mm
Pitch	3.5 mm
Dimension a	45.5 mm

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Number of positions	14
Pin dimensions	1 mm
Pin spacing	3.5 mm
Hole diameter	1.2 mm

**Technical data**

Range of articles	FK-MPT 0,5/...-H
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 <sup>2</sup>
Maximum load current	4 A (with 0.5 mm <sup>2</sup> conductor cross section)
Insulating material	PBT
Inflammability class acc. to UL 94	V0
Stripping length	6.5 mm
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	4 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	4 A

**Connection data**

Conductor cross section solid min.	0.12 mm <sup>2</sup>
Conductor cross section solid max.	0.5 mm <sup>2</sup>
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

### Certificates / Approvals



Certification

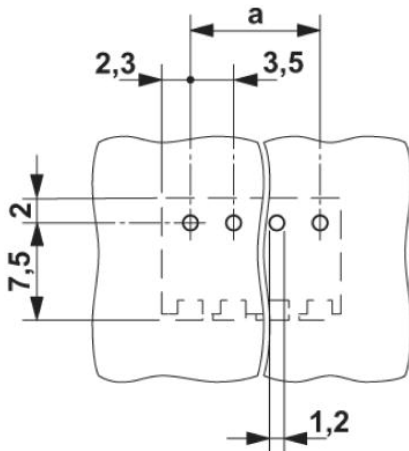
CCA, CUL, GOST, SEV, UL

### Accessories

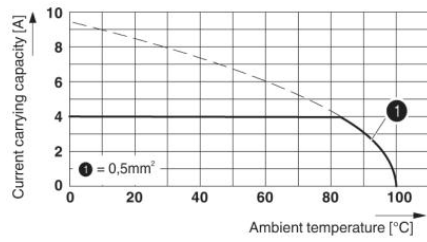
Item	Designation	Description
<b>Tools</b>		
1204504	SZF 0-0,4X2,5	Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

### Diagrams/Drawings

Drilling plan/solder pad geometry

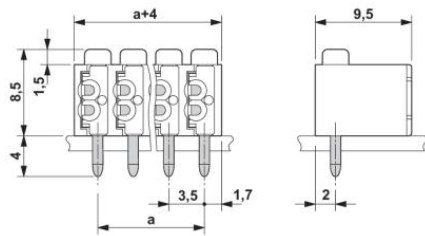


Diagram



Derating diagram for 5 positions; reduction factor=0.8

Dimensioned drawing



**Address**

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