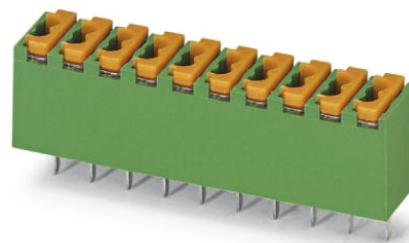


## FK-MPT 0,5/ 8-3,5

Order No.: 1891124

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1891124>

Printed circuit terminal block, nominal current: 4 A, rated voltage: 160 V, pitch: 3.5 mm, no. of positions: 8, mounting: Soldering, type of connection: Spring-cage connection, connection direction from the conductor to the PCB: 90°

### Commercial data

EAN	4017918169640
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.00311 KG
Catalog page information	Page 399 (CC-2007)

### 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

Pitch	3.5 mm
Dimension a	24.5 mm
Number of positions	8

Pin dimensions	0,4 x 0,9 mm
Hole diameter	1 mm

#### Technical data

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/2)	250 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	4 A
Nominal voltage $U_N$	160 V
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

#### 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

#### Certificates / Approvals

Approval logo



#### CUL

Nominal voltage $U_N$	300 V
Nominal current $I_N$	4 A
AWG/kcmil	28-20

**UL**

Nominal voltage $U_N$	300 V
Nominal current $I_N$	4 A
AWG/kcmil	28-20
Certification	CCA, CUL, GOST, SEV, UL

**Accessories**

Item	Designation	Description
<b>General</b>		
1905405	FK-MPT 0,5/ 8-IC-3,5	Header for FK-MPT 0.5/...-3.5, 3.5 mm pitch, color: black, no. of positions 8, dimension a 24.5 mm
1905557	FK-MPT 0,5/ 8-ICV-3,5	Header for FK-MPT 0.5/...-3.5, 3.5 mm pitch, color: black, no. of positions 8, dimension a 24.5 mm

**Tools**

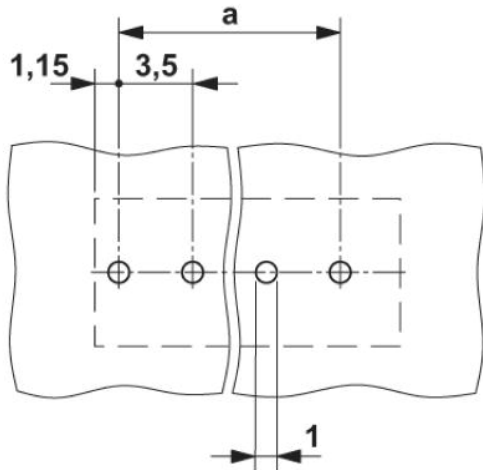
1204504	SZF 0-0,4X2,5	Screwdriver, blade: 0.4 x 2.5 x 100 mm, length 180 mm
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**Additional products**

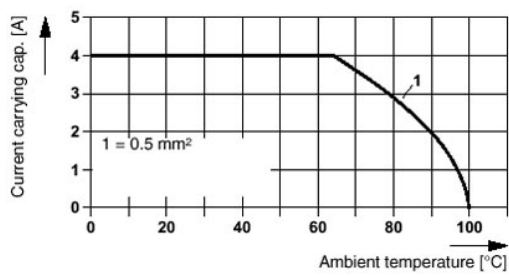
Item	Designation	Description
<b>General</b>		
1905405	FK-MPT 0,5/ 8-IC-3,5	Header for FK-MPT 0.5/...-3.5, 3.5 mm pitch, color: black, no. of positions 8, dimension a 24.5 mm
1905557	FK-MPT 0,5/ 8-ICV-3,5	Header for FK-MPT 0.5/...-3.5, 3.5 mm pitch, color: black, no. of positions 8, dimension a 24.5 mm

## Drawings

### Drilling diagram



### Diagram



### Dimensioned drawing

