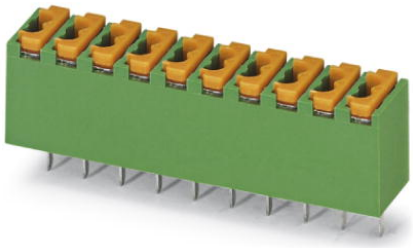
Extract from the online catalog

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

PC terminal block, Nominal current: 4 A, Nom. voltage: 160 V, Pitch: 3.5 mm, Number of positions: 8, Type of connection: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green

Commercial data	
GTIN (EAN)	4 017918 169640
Note	Made-to-order
sales group	E411
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 451 (CC-2009)

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	7 mm
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

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 mm²
Maximum load current	4 A (with 0.5 mm^2 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 mm²
Conductor cross section solid max.	0.5 mm²
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

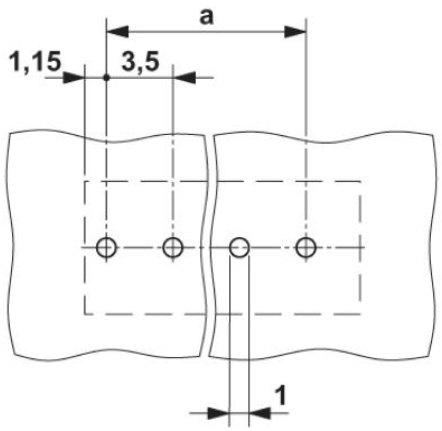
Item	Designation	Description
General		
1905405	FK-MPT 0,5/ 8-IC-3,5	Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 8, Pitch: 3.5 mm, Color: black, Metal surface: Sn, Assembly: Soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block.
1905557	FK-MPT 0,5/ 8-ICV-3,5	Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 8, Pitch: 3.5 mm, Color: black, Metal surface: Sn, Assembly: Soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block.
Tools		
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

Additional products

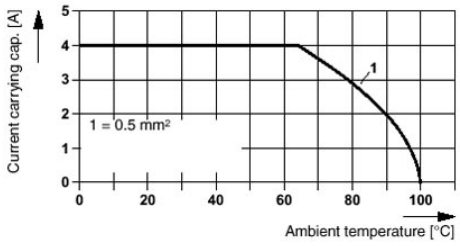
Item	Designation	Description
General		
1905405	FK-MPT 0,5/ 8-IC-3,5	Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 8, Pitch: 3.5 mm, Color: black, Metal surface: Sn, Assembly: Soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block.
1905557	FK-MPT 0,5/ 8-ICV-3,5	Header, Nominal current: 3 A, Rated voltage (III/2): 250 V, Number of positions: 8, Pitch: 3.5 mm, Color: black, Metal surface: Sn, Assembly: Soldering, The touch-protected basic strip, serves to accommodate the FK-MPT 0,5 PCB terminal block.

Diagrams/Drawings

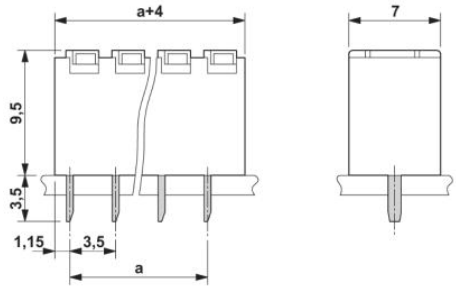
Drilling plan/solder pad geometry



Diagram



Dimensioned drawing



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