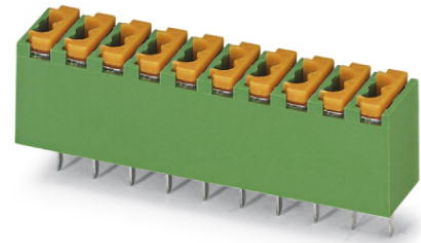


FK-MPT 0,5/ 7-3,5

Order No.: 1891111

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1891111>

PC terminal block, Nominal current: 4 A, Nom. voltage: 160 V, Pitch: 3.5 mm, Number of positions: 7, Type of connection: Spring-cage conn., Assembly: Soldering, Conductor/PCB connection direction: 90 °, Color: green

Commercial data

EAN	4017918169633
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.002762 KG
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	21 mm

Number of positions	7
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 ²
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

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

Certificates / Approvals



Certification

CCA, CUL, GOST, SEV, UL

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

Accessories

Item	Designation	Description
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General

1905395	FK-MPT 0,5/ 7-IC-3,5	Header, Nominal current: 3 A, Nom. voltage: 160 V, Pitch: 3.5 mm, Number of positions: 7, Color: black, Assembly: Soldering
1905544	FK-MPT 0,5/ 7-ICV-3,5	Header, Nominal current: 3 A, Nom. voltage: 160 V, Pitch: 3.5 mm, Number of positions: 7, Color: black, Assembly: Soldering

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

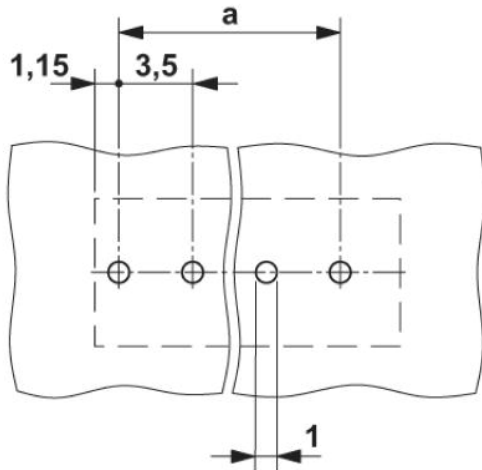
Item	Designation	Description
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General

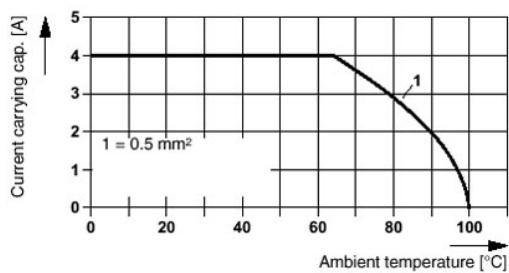
1905395	FK-MPT 0,5/ 7-IC-3,5	Header, Nominal current: 3 A, Nom. voltage: 160 V, Pitch: 3.5 mm, Number of positions: 7, Color: black, Assembly: Soldering
1905544	FK-MPT 0,5/ 7-ICV-3,5	Header, Nominal current: 3 A, Nom. voltage: 160 V, Pitch: 3.5 mm, Number of positions: 7, Color: black, Assembly: Soldering

Diagrams/Drawings

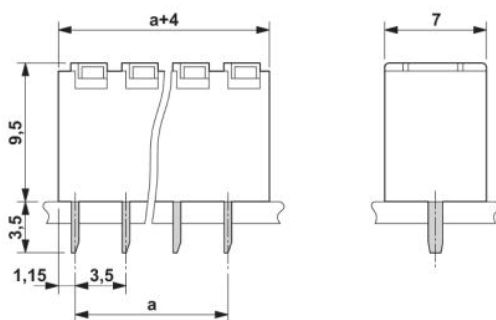
Drilling plan/solder pad geometry



Diagram



Dimensioned drawing



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