

<https://www.phoenixcontact.com/cn/products/1913921>

PCB terminal block - FK-MPT 0,5/ 2-ST-3,5 - 1913921

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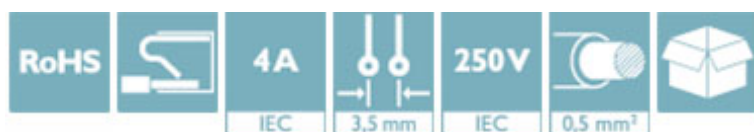
Plug component, Nominal current: 4 A, Rated voltage (III/2): 250 V, Number of positions: 2, Pitch: 3.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin




The figure shows a 10-position version of the product

Why buy this product

- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Intuitive use through colour coded actuation lever
- ✓ Potentials can be easily looped through – ideal for BUS applications
- ✓ Small component size for applications where space is at a premium



Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 017918 176839
GTIN	4017918176839
Custom tariff number	8536901900
Sales Key	AACHAA

Technical data

Dimensions

Length	9.5 mm
Height	8.5 mm
Width	7.5 mm
Pitch	3.5 mm
Dimension a	3.5 mm

General

Range of articles	FK-MPT 0,5/...-ST
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Technical data

General

Type of contact	Female connector
Number of positions	2
Connection method	Push-in spring connection
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
Flammability rating according 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 min.	26
Conductor cross section AWG max.	20
Minimum AWG according to UL/CUL	28
Maximum AWG according to UL/CUL	20

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

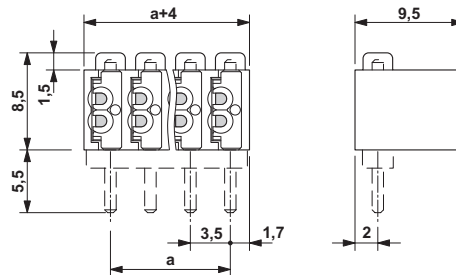
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

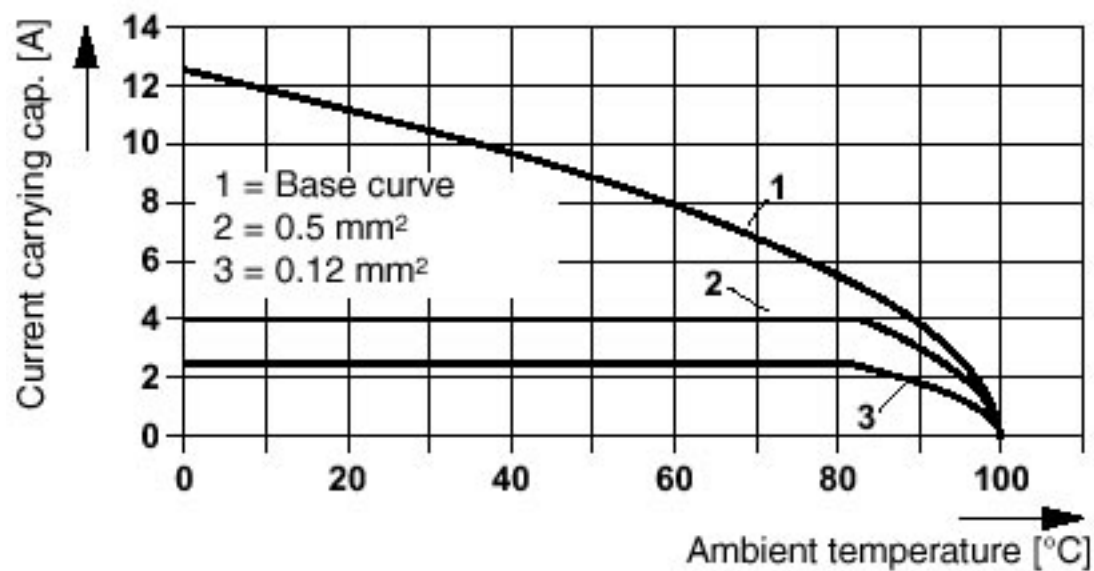
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Dimensional drawing



Diagram

FK-MPT 0,5-ST-3,5 with PST 1,0



Approvals

Approvals

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UL Recognized / SEV / cUL Recognized / CCA / EAC / cULus Recognized


Ex Approvals


Approval details


<https://www.phoenixcontact.com/cn/products/1913921>

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Approvals

UL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425		
	B	D
mm ² /AWG/kcmil	28-20	28-20
Nominal current IN	4 A	4 A
Nominal voltage UN	300 V	300 V

SEV  https://www.electrosuisse.ch/en/meta/shop/product-certificates.html IK-3558	
mm ² /AWG/kcmil	0.5
Nominal current IN	4 A
Nominal voltage UN	160 V

cUL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425		
	B	D
mm ² /AWG/kcmil	28-20	28-20
Nominal current IN	4 A	4 A
Nominal voltage UN	300 V	300 V

CCA IK-2681	
mm ² /AWG/kcmil	0.5
Nominal current IN	4 A
Nominal voltage UN	160 V

EAC  B.01742

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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