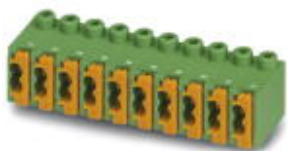


PCB terminal block - FK-MPT 0,5/ 2-ST-3,5 - 1913921

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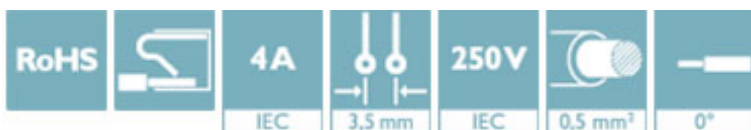
PCB connector, nominal current: 4 A, number of positions: 2, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin




The figure shows a 10-position version of the product

Your advantages

- ✓ 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 pc
GTIN	 4 017918 176839
GTIN	4017918176839

Technical data

Item properties

Brief article description	PCB connector
Plug-in system	COMBICON COMPACT PST 1
Type of contact	Female connector
Range of articles	FK-MPT 0,5/...-ST
Pitch	3.5 mm
Number of positions	2
Connection method	Push-in spring connection
Locking	without
Number of levels	1
Number of connections	4

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

Technical data

Item properties

Number of potentials	2
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Electrical parameters

Rated current	4 A
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Connection capacity

Conductor cross section solid	0.12 mm ² ... 0.5 mm ²
Conductor cross section AWG / kcmil	26 ... 20
Stripping length	6.5 mm

Material data - contact

Note	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/ JEDEC JESD 201
Contact material	Cu alloy
Surface characteristics	hot-dip tin-plated
Metal surface terminal point (top layer)	Tin (5 - 7 µm Sn)
Metal surface terminal point (middle layer)	Nickel (2 - 3 µm Ni)
Metal surface contact area (top layer)	Tin (5 - 7 µm Sn)
Metal surface contact area (middle layer)	Nickel (2 - 3 µm Ni),

Material data - housing

Insulating material	PBT
Insulating material group	IIIa
CTI according to IEC 60112	225
Flammability rating according to UL 94	V0

Dimensions for the product

Length [l]	9.5 mm
Width [w]	7.5 mm
Height [h]	8.5 mm
Pitch	3.5 mm
Height (without solder pin)	8.5 mm
Dimension a	3.5 mm

Packaging information

Type of packaging	packed in cardboard
Pieces per package	50
Denomination packing units	Pcs.

Air clearances and creepage distances

Rated insulation voltage (III/3)	160 V
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Current carrying capacity / derating curves

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
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PCB terminal block - FK-MPT 0,5/ 2-ST-3,5 - 1913921

Technical data

Environmental Product Compliance

	No hazardous substances above threshold values
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Approvals


Approvals


Approvals


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

Ex Approvals

Approval details

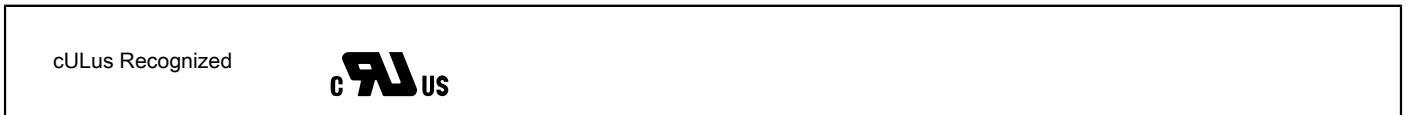
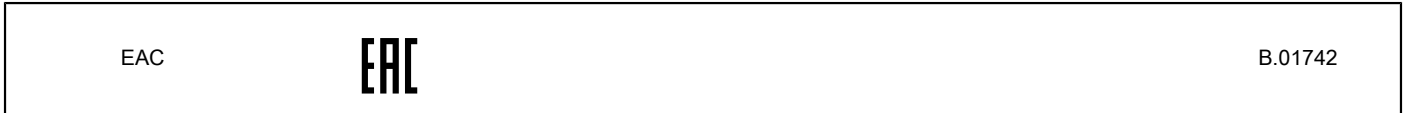
UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	4 A	4 A	
mm ² /AWG/kcmil	28-20	28-20	

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

SEV		https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html	IK-3558-M2
Nominal voltage UN	160 V		
Nominal current IN	4 A		
mm ² /AWG/kcmil	0.5		

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

Approvals



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