

Printed-circuit board connector - FK-MC 0,5/12-ST-2,5 AU - 1923432

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PCB connector, nominal current: 4 A, number of positions: 12, pitch: 2.5 mm, connection method: Push-in spring connection, color: green, contact surface: Gold



The figure shows a 10-position version of the product

Your advantages

- Gold-plated contacts ensure transfer quality remains stable over the long term
- 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
- Operation and conductor connection from one direction enable integration into front of device
- Quick and convenient testing using integrated test option



Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4017918571474

Technical data

Dimensions

Length [l]	19.5 mm
Width [w]	30.6 mm
Height [h]	11.75 mm
Pitch	2.5 mm
Dimension a	27.5 mm

General

Range of articles	FK-MC 0,5/..-ST
Number of positions	12
Connection method	Push-in spring connection

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Technical data

General

Rated voltage (III/3)	100 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	4 A
Nominal cross section	0.5 mm ²
Stripping length	8 mm

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve 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

Environmental Product Compliance

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

Approvals

Approvals

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CCA / IEC/IEC CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

Ex Approvals

Approval details

CCA	CCA/ DE1 34250
Nominal voltage U _N	100 V
Nominal current I _N	4 A

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Approvals

mm²/AWG/kcmil	0.2-5
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IECEE CB Scheme		http://www.iecee.org/	DE1-56068-B1B2
Nominal voltage UN	100 V		
Nominal current IN	4 A		
mm²/AWG/kcmil	0.2-5		

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40013394
Nominal voltage UN	100 V		
Nominal current IN	4 A		
mm²/AWG/kcmil	0.2-5		

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19930913
Nominal voltage UN	B		
Nominal current IN	125 V		
mm²/AWG/kcmil	4 A		
	28-20		

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