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

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The figure shows a 10-position version of the product

PCB connector, nominal current: 4 A, nominal cross section: 0.5 mm², number of positions: 12, pitch: 2.5 mm, connection method: Push-in spring connection, color: green, contact surface: Gold

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	4 017918 571474
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 mm²
Stripping length	8 mm

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	0.5 mm²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.5 mm²
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

Classifications

eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440309
eCl@ss 8.0	27440309
eCl@ss 9.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

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Classifications

ETIM

ETIM 6.0	EC002638
ETIM 7.0	EC002638

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

Approvals

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Approvals

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

Ex Approvals

Approval details

CCA	CCA/ DE1 34250
Nominal voltage UN	100 V
Nominal current IN	4 A
mm²/AWG/kcmil	0.2-.5

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	

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Approvals

VDE Gutachten mit Fertigungsüberwachung	VDE	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	EAC	B.01687

cULus Recognized	c UL us	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19930913

	B
Nominal voltage UN	125 V
Nominal current IN	4 A
mm²/AWG/kcmil	28-20

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