

Printed-circuit board connector - FK-MC 0.5/11-ST-2.5 - 1881419

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The figure shows a 10-position version of the product

Plug component, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 11, Pitch: 2.5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Why buy this product

- ✓ Possible combinations with MC 0,5 and MCD 0,5 base strips with 2.5 mm pitch
- ✓ User-friendly actuation of the terminal point using a screwdriver
- ✓ Fast conductor connection thanks to Push-in spring-cage connection
- ✓ Individual position keying by removing the keying tab and connecting the keying profile to the header
- ✓ Test connection for accommodating 1 mm Ø test plug



Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 168 (CC-2011)
GTIN	 4 017918 156664
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

Dimensions / positions

Pitch	2.5 mm
Dimension a	25 mm
Number of positions	11

Technical data

Range of articles	FK-MC 0,5/...-ST
Insulating material group	I
Rated surge voltage (III/3)	1.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV

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Technical data

Technical data

Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current IN	4 A
Nominal voltage UN	100 V
Nominal cross section	0.5 mm ²
Maximum load current	4 A (with 0.5 mm ² conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	8 mm
Nominal voltage, UL/CUL Use Group B	125 V
Nominal current, UL/CUL Use Group B	4 A

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	20
Minimum AWG according to UL/CUL	28
Maximum AWG according to UL/CUL	20

Classifications

eclass

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402

etim

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

unspsc

UNSPSC 6.01	30211810
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Classifications

unspsc

UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

UL Recognized / VDE report with production monitoring / cUL Recognized / GOST / IECEE CB Scheme / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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

VDE report with production monitoring 	
mm²/AWG/kcmil	0.2-0.5
Nominal current IN	4 A
Nominal voltage UN	100 V

cUL Recognized 	
	B
mm²/AWG/kcmil	28-20
Nominal current IN	4 A

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Approvals

	B
Nominal voltage UN	125 V



IECEE CB Scheme	
mm²/AWG/kcmil	0.2-0.5
Nominal current IN	4 A
Nominal voltage UN	100 V



Accessories

Accessories

Marking

Marker cards - SK 2,54/2,8:FORTL.ZAHLEN - 0804853



Marker cards, Card, white, Labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, For terminal block width: 2.54 mm

Tools

Screwdriver - SZS 0,4X2,0 - 1205202



Micro screwdriver, bladed, size: 0.4 x 2.0 x 60 mm, 2-component grip, with non-slip grip and twist cap

Additional products

Printed-circuit board connector - FK-MC 0.5/11-ST-2.5 - 1881419

Accessories

Base strip - MCD 0,5/11-G1-2,5 - 1894891



Header, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 11, Pitch: 2.5 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MCDV 0,5/11-G1-2,5 - 1895007



Header, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 11, Pitch: 2.5 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MCV 0,5/11-G-2,5 - 1881642



Header, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 11, Pitch: 2.5 mm, Color: green, Contact surface: Tin, Assembly: Soldering

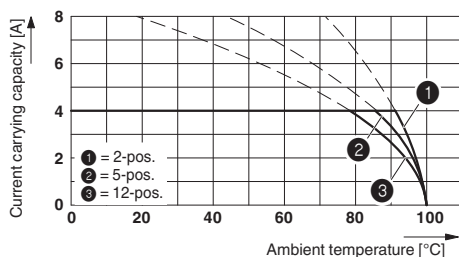
Base strip - MC 0,5/11-G-2,5 - 1881532



Header, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 11, Pitch: 2.5 mm, Color: green, Contact surface: Tin, Assembly: Soldering

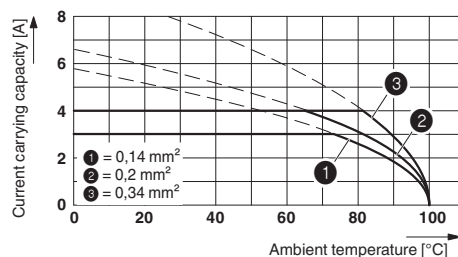
Drawings

Diagram



Type: FK-MC 0,5/...-ST-2,5 with MC 0,5/...-G-2,5

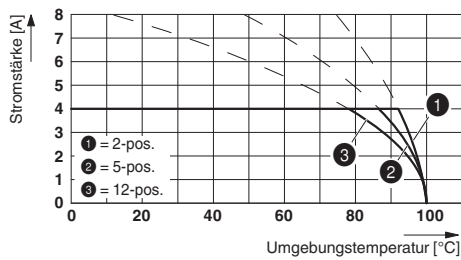
Diagram



Type: FK-MC 0,5/...-ST-2,5 with MC 0,5/...-G-2,5

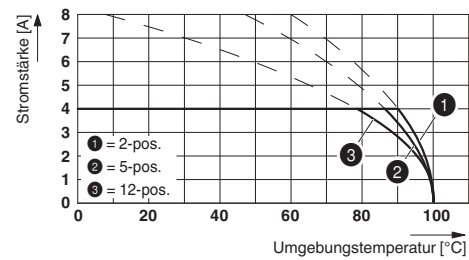
Printed-circuit board connector - FK-MC 0.5/11-ST-2.5 - 1881419

Diagram



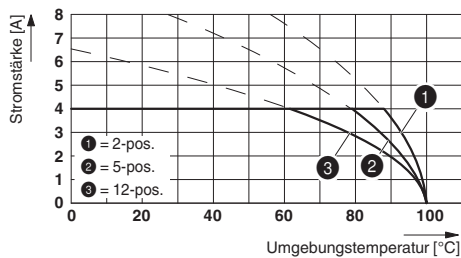
Type: FK-MC 0,5/...-ST-2,5 with MCV 0,5/...-G-2,5 THT

Diagram



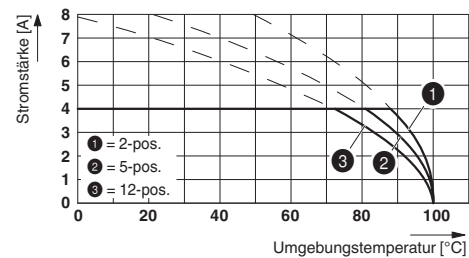
Type: FK-MC 0,5/...-ST-2,5 with MC 0,5/...-G-2,5 THT

Diagram



Type: FK-MC 0,5/...-ST-2,5 with MCD 0,5/...-G1-2,5

Diagram



Type: FK-MC 0,5/...-ST-2,5 with MCDV 0,5/...-G1-2,5

Dimensioned drawing

