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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://download.phoenixcontact.com)



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

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

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 mm²
Maximum load current	4 A (with 0.5 mm2 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 mm²
Conductor cross section solid max.	0.5 mm²
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	0.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.5 mm²
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

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

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

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

Approvals

	B
Nominal voltage UN	125 V

GOST

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

cULus Recognized

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

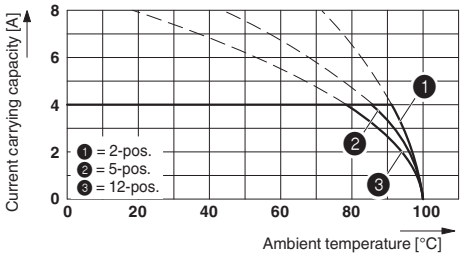
Base strip - MC 0,5/11-G-2,5 - 1881532



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

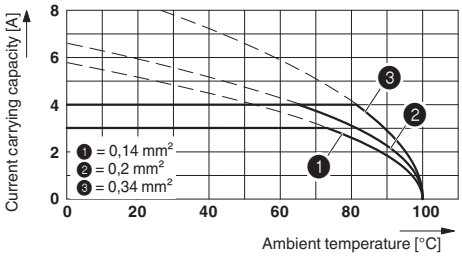
Drawings

Diagram



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

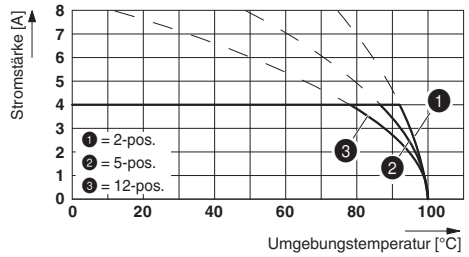
Diagram



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

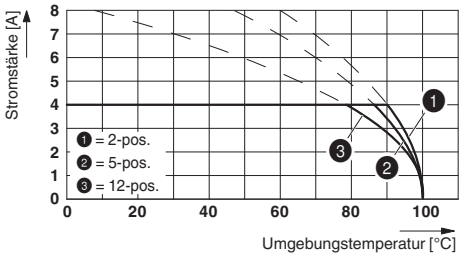
Printed-circuit board connector - FK-MC 0.5/11-ST-2.5 - 1881419

Diagram



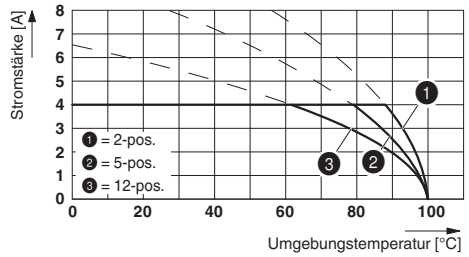
Type: FK-MC 0,5/...-ST-2,5 with MCV 0,5/...-G-2,5 THT

Diagram



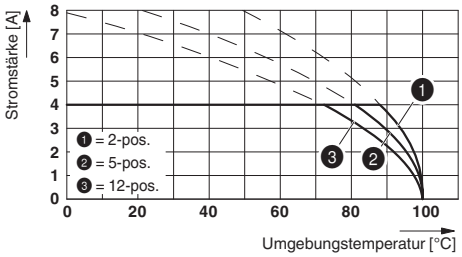
Type: FK-MC 0,5/...-ST-2,5 with MC 0,5/...-G-2,5 THT

Diagram



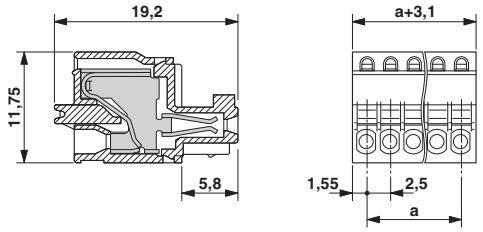
Type: FK-MC 0,5/...-ST-2,5 with MCD 0,5/...-G1-2,5

Diagram



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

Dimensioned drawing



© Phoenix Contact 2012 - all rights reserved
http://www.phoenixcontact.com