

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>)

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



The figure shows a 10-position version of the product

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 I _N	4 A
Nominal voltage U _N	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
-------------	----------

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
mm ² /AWG/kcmil	28-20
Nominal current I _N	4 A
Nominal voltage U _N	125 V

VDE report with production monitoring 	
mm ² /AWG/kcmil	0.2-0.5
Nominal current I _N	4 A
Nominal voltage U _N	100 V

cUL Recognized 	
	B
mm ² /AWG/kcmil	28-20
Nominal current I _N	4 A

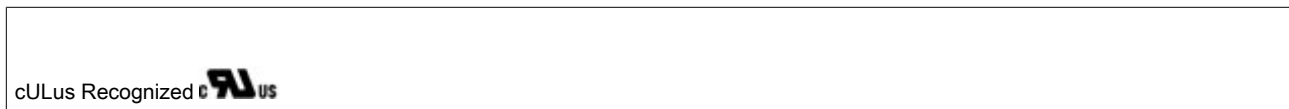
Printed-circuit board connector - FK-MC 0.5/11-ST-2.5 - 1881419

Approvals

	B
Nominal voltage UN	125 V



IECEE CB Scheme	
mm ² /AWG/kcmil	0.2-0.5
Nominal current I _N	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

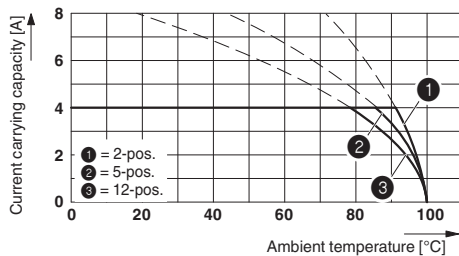
Base strip - MC 0,5/11-G-2,5 - 1881532



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

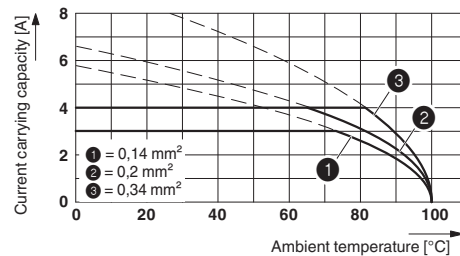
Drawings

Diagram



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

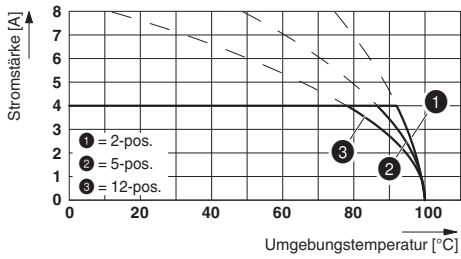
Diagram



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

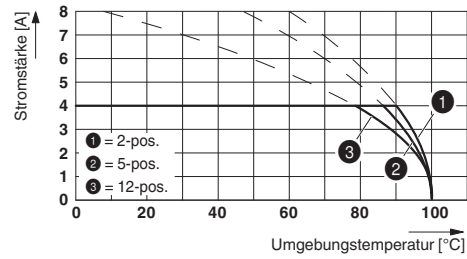
Printed-circuit board connector - FK-MC 0.5/11-ST-2.5 - 1881419

Diagram



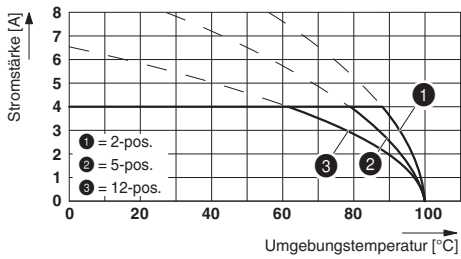
Type: FK-MC 0,5/...-ST-2,5 with MCV 0,5/...-G-2,5 THT

Diagram



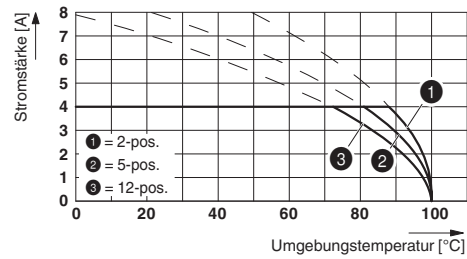
Type: FK-MC 0,5/...-ST-2,5 with MC 0,5/...-G-2,5 THT

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

