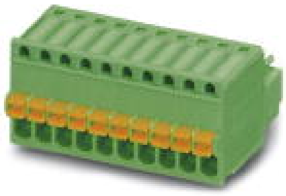
Printed-circuit board connector - FK-MC 0,5/11-ST-2,5 - 1881419



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

Product Features

- 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 coding by removing the coding tab and connecting the coding profile to the header
- Test connection for accommodating 1 mm Ø test plug

Key commercial data

package_quantity	50
GTIN	4017918156664

Technical data

Dimensions

Pitch	2.5 mm
Dimension a	25 mm

General

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
Rated voltage (III/3)	100 V
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 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

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Technical data

General

Stripping length	8 mm
Number of positions	11

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

eCl@ss

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
eCl@ss 8.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / IECEE CB Scheme / GOST / CCA / cULus Recognized /

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approvals

Approval details

UL Recognized

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

VDE Gutachten mit Fertigungsüberwachung

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

cUL Recognized

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

GOST

IECEE CB Scheme

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

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approvals

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

cULus Recognized

accessories

Screwdriver tools

SZS 0,4X2,0 - 1205202

Labeled terminal marker

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

Drawings

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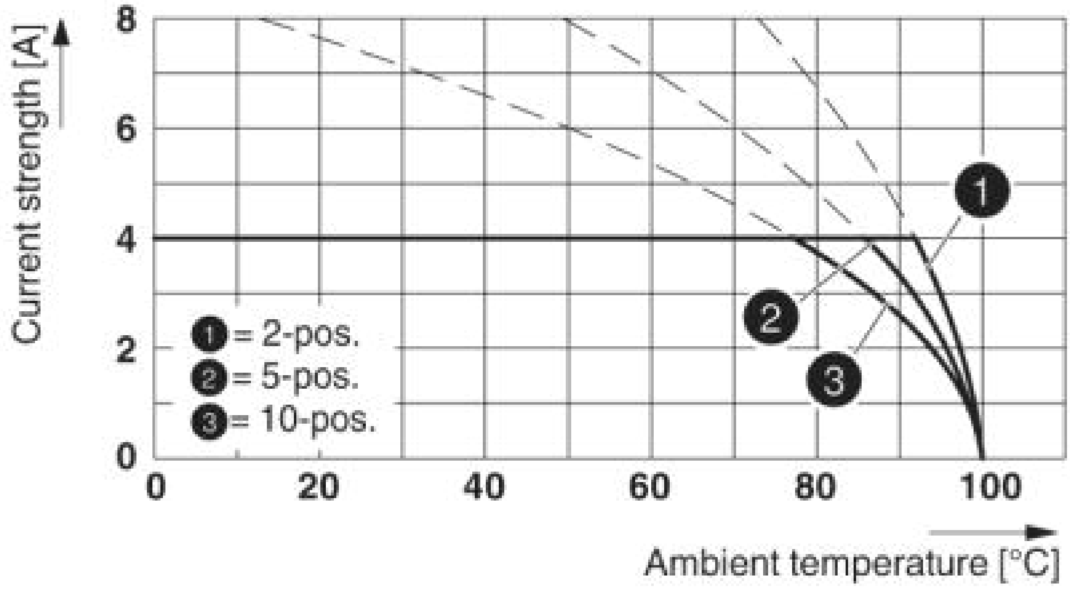
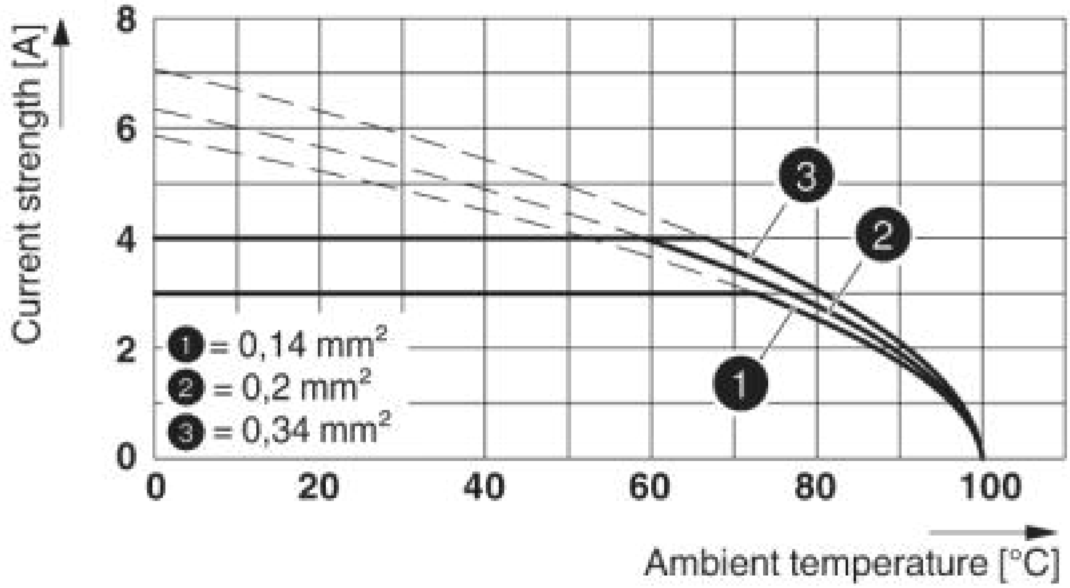
Diagram



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

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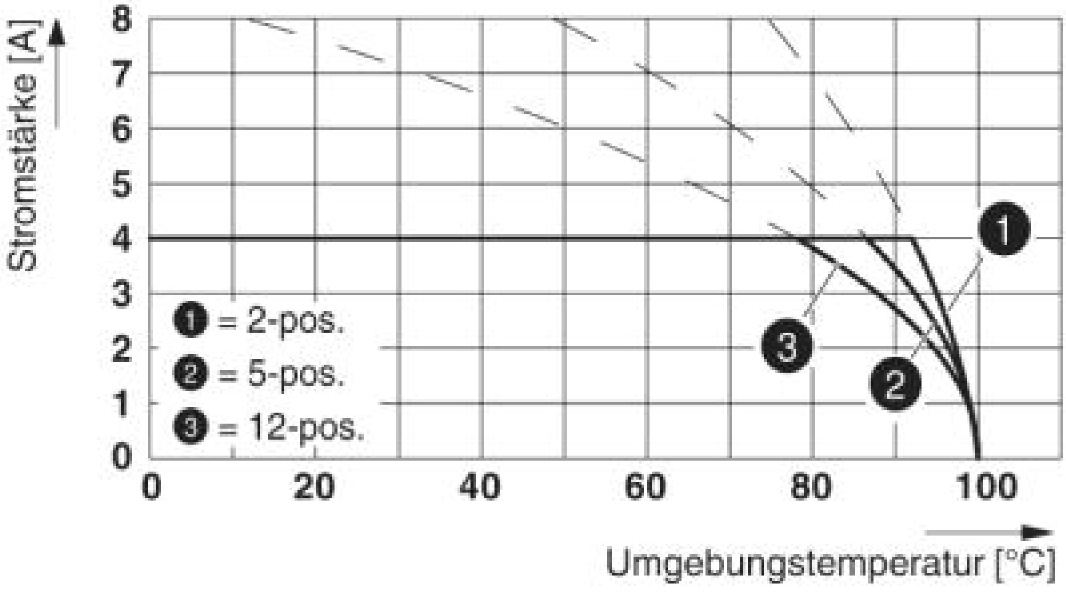
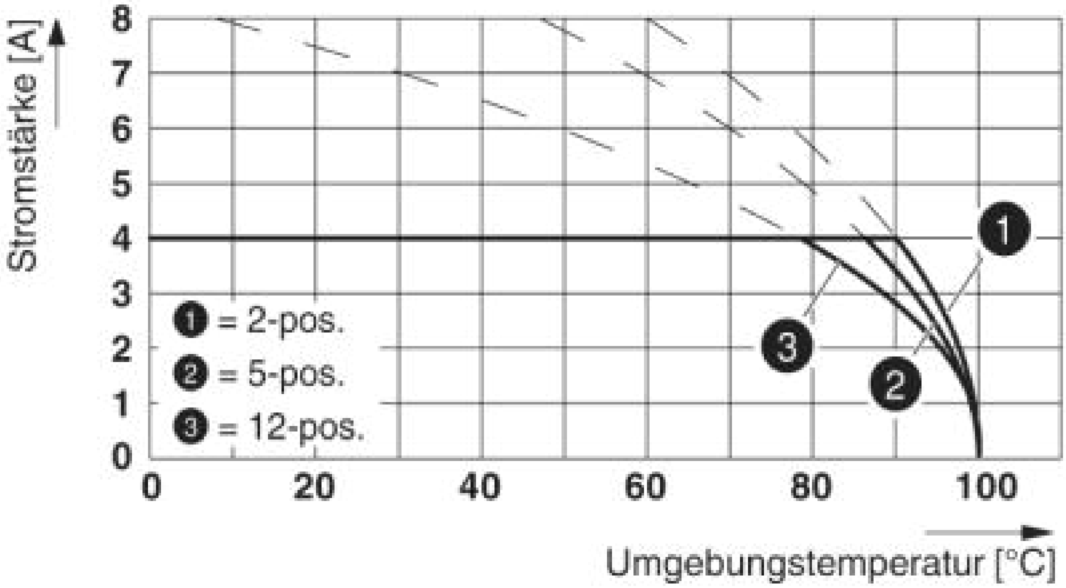
Diagram



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

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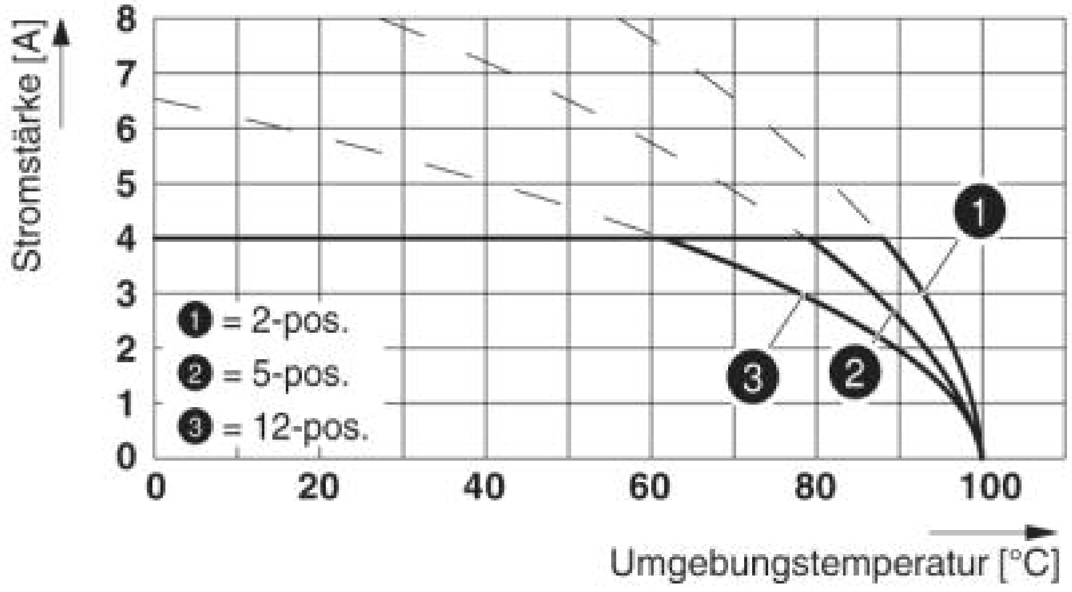
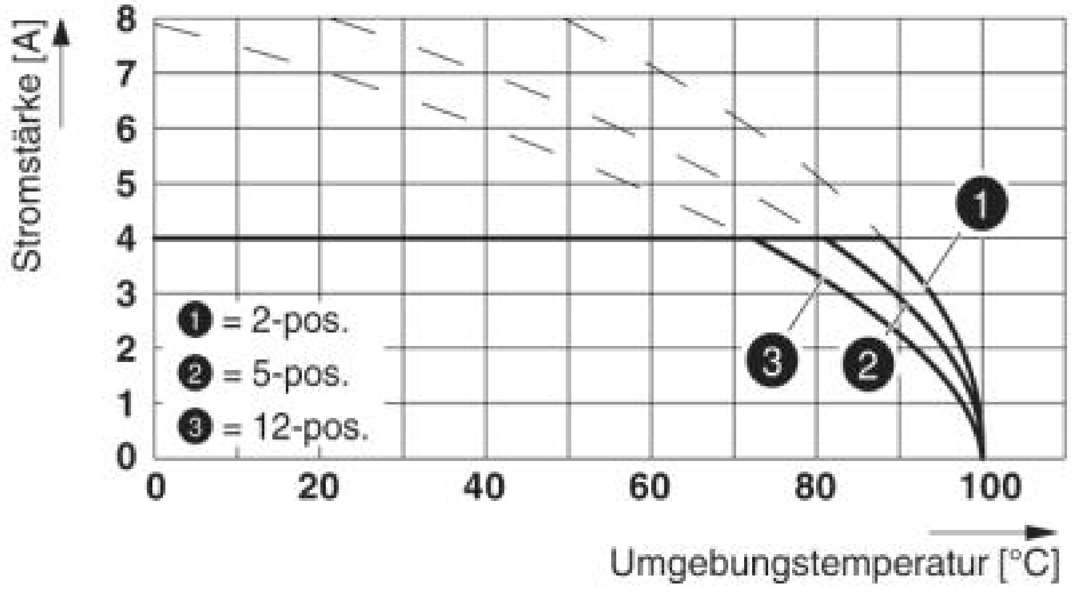
Diagram



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

Diagram

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

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Dimensioned drawing