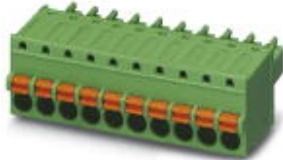


Printed-circuit board connector - FK-MCP 1,5/ 3-ST-3,81 - 1851054

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: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.81 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

The figure shows a 10-position version of the product

Product Features

- ✓ User-friendly actuation of the terminal point using a screwdriver
- ✓ Fast conductor connection thanks to Push-in spring-cage connection
- ✓ Wide range of possible combinations with MC base strips with 3.5/3.81 mm pitch
- ✓ Test connection for accommodating 1.2 mm Ø test pins or 1 mm Ø test plugs

Key commercial data

package_quantity	50
GTIN	4017918109950

Technical data

Dimensions

Pitch	3.81 mm
Dimension a	7.62 mm

General

Range of articles	FK-MCP 1,5/...-ST
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	8 A
Nominal cross section	1.5 mm ²
Maximum load current	8 A (with 1.5 mm ² conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A1

Printed-circuit board connector - FK-MCP 1,5/ 3-ST-3,81 - 1851054

Technical data

General

Stripping length	9 mm
Number of positions	3

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1.5 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.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
Minimum AWG according to UL/CUL	28
Maximum AWG according to UL/CUL	16

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

Printed-circuit board connector - FK-MCP 1,5/ 3-ST-3,81 - 1851054

approvals

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

Approval details

CSA 		
Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	8 A	8 A
mm²/AWG/kcmil	28-16	28-16

UL Recognized 	
Usegroups	B
Nominal voltage UN	300 V
Nominal current IN	8 A
mm²/AWG/kcmil	28-16

VDE Gutachten mit Fertigungsüberwachung 	
Nominal voltage UN	160 V
Nominal current IN	8 A
mm²/AWG/kcmil	0.2-1.5

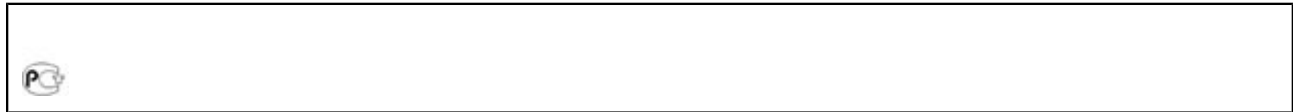
cUL Recognized 	
Usegroups	B
Nominal voltage UN	300 V
Nominal current IN	8 A
mm²/AWG/kcmil	28-16

GOST 	
--	--

Printed-circuit board connector - FK-MCP 1,5/ 3-ST-3,81 - 1851054

approvals

IECEE CB Scheme 	
Nominal voltage UN	160 V
Nominal current IN	8 A
mm²/AWG/kcmil	0.2-1.5



CCA	
Nominal voltage UN	160 V
Nominal current IN	8 A
mm²/AWG/kcmil	0.2-1.5

cULus Recognized 	
---	--

accessories

Screwdriver tools

SZS 0,4X2,5 VDE - 1205037



Labeled terminal marker

SK 3,81/2,8:FORTL.ZAHLEN - 0804109



Printed-circuit board connector - FK-MCP 1,5/ 3-ST-3,81 - 1851054

accessories

Terminal marking

SK U/2,8 WH:UNBEDRUCKT - 0803883



Marker pen

B-STIFT - 1051993



accessories

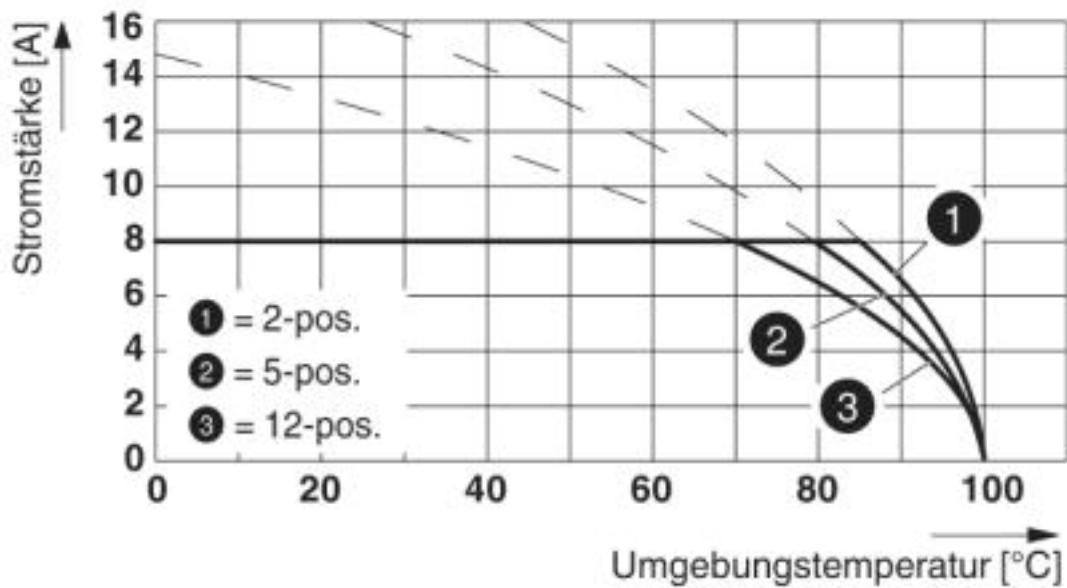
SK 3,81/2,8:SO - 0805056



Drawings

Printed-circuit board connector - FK-MCP 1,5/ 3-ST-3,81 - 1851054

Diagram



Type: FK-MCP 1,5/...-ST-3,81 with MC 1,5/...-G-3,81 P26 THR

Dimensioned drawing

