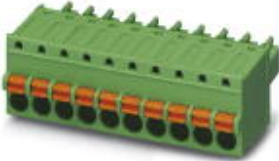


Printed-circuit board connector - FK-MCP 1,5/ 9-ST-3,81 - 1851119

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://phoenixcontact.com/download>)

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Push-in spring connection, 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
- ✓ Test connection for accommodating 1.2 mm Ø test pins or 1 mm Ø test plugs
- ✓



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 109684
Weight per Piece (excluding packing)	8.54 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Width	34.88 mm
Pitch	3.81 mm
Dimension a	30.48 mm

General

Range of articles	FK-MCP 1,5/...-ST
Insulating material group	I

Printed-circuit board connector - FK-MCP 1,5/ 9-ST-3,81 - 1851119

Technical data

General

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
Stripping length	9 mm
Number of positions	9

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.5 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG 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

Printed-circuit board connector - FK-MCP 1,5/ 9-ST-3,81 - 1851119

Classifications

eCl@ss

eCl@ss 7.0	27440402
eCl@ss 8.0	27440309

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

Approvals

Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / CCA / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA 	
	B
mm²/AWG/kcmil	28-16
Nominal current I _N	8 A
Nominal voltage U _N	300 V

Printed-circuit board connector - FK-MCP 1,5/ 9-ST-3,81 - 1851119

Approvals

VDE Gutachten mit Fertigungsüberwachung 	
mm²/AWG/kcmil	0.2-1.5
Nominal current I _N	8 A
Nominal voltage U _N	160 V

IECEE CB Scheme 	
mm²/AWG/kcmil	0.2-1.5
Nominal current I _N	8 A
Nominal voltage U _N	160 V

CCA	
mm²/AWG/kcmil	0.2-1.5
Nominal current I _N	8 A
Nominal voltage U _N	160 V

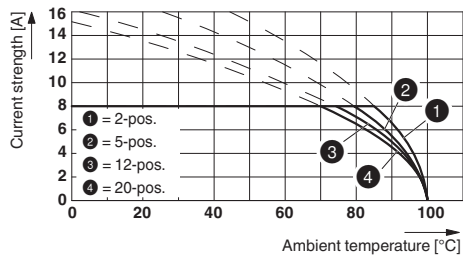
EAC

cULus Recognized	
	B
mm²/AWG/kcmil	28-16
Nominal current I _N	8 A
Nominal voltage U _N	300 V

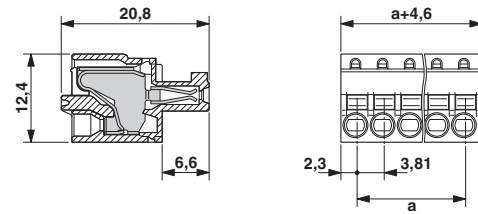
Drawings

Printed-circuit board connector - FK-MCP 1,5/ 9-ST-3,81 - 1851119

Diagram



Dimensional drawing



Type: FK-MCP 1,5/...-ST(F)-3,81 with MC 1,5/...-G(F)-3,81 P.. THR(R...)