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Printed-circuit board connector - FK-MCP 1,5/ 9-ST-3,81-LR - 1817495

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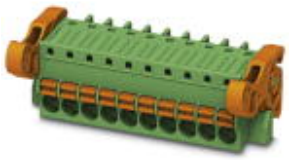
Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

Key Commercial Data

Packing unit	50 STK
GTIN	4 046356 756839

Technical data

Dimensions

Pitch	3.81 mm
Dimension a	30.48 mm

General

Range of articles	FK-MCP 1,5/..-ST-LR
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 mm²
Maximum load current	8 A (with 1.5 mm² conductor cross section)
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	9 mm
Number of positions	9

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Technical data

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.5 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	16

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440402
eCl@ss 8.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002638

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Printed-circuit board connector - FK-MCP 1,5/ 9-ST-3,81-LR - 1817495

Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / cULus Recognized / IECEE CB Scheme

Ex Approvals

Approvals submitted

Approval details

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

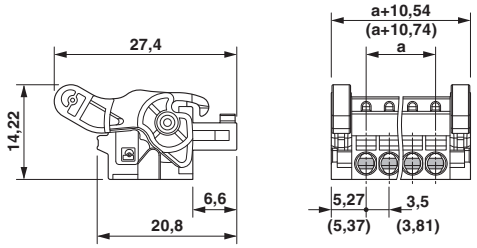
cULus Recognized	
	B
mm²/AWG/kcmil	28-16
Nominal current IN	8 A
Nominal voltage UN	300 V

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

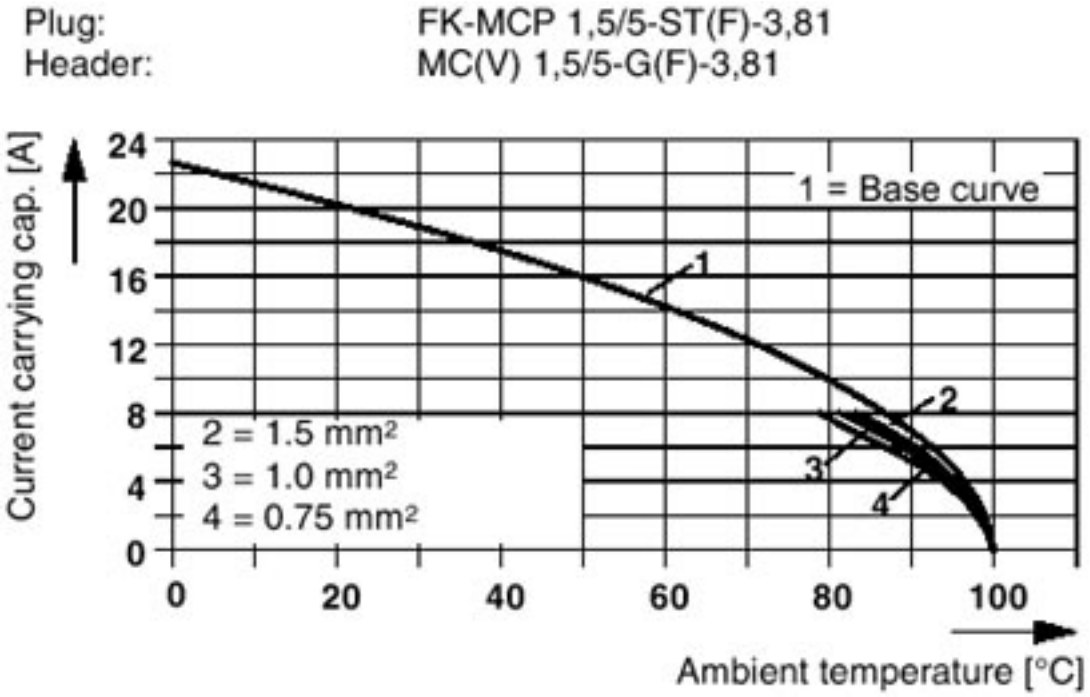
Drawings

Printed-circuit board connector - FK-MCP 1,5/ 9-ST-3,81-LR - 1817495

Dimensional drawing



Diagram



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To access the product, click on the green button.

Product	Code	Reference	Product link
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