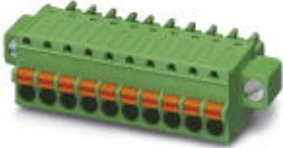


Printed-circuit board connector - FK-MCP 1,5/ 6-STF-3,81 - 1851274

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Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, 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

Packing unit	1 PCE
GTIN	 4 017918 110123
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

Dimensions / positions

Pitch	3.81 mm
Dimension a	19.05 mm
Number of positions	6

Technical data

Range of articles	FK-MCP 1,5/...STF
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV

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Technical data

Technical data

Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
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 voltage U_N	160 V
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
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	8 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	8 A

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

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638

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Classifications

ETIM

ETIM 5.0	EC002638
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UNSPSC

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

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

Approvals

Approvals


Approvals

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

Ex Approvals

Approvals submitted


Approval details

			
		B	D
	mm ² /AWG/kcmil	28-16	28-16
	Nominal current I _N	8 A	8 A


Printed-circuit board connector - FK-MCP 1,5/ 6-STF-3,81 - 1851274

Approvals


	B	D
Nominal voltage UN	300 V	300 V

UL Recognized 


	B	D
mm ² /AWG/kcmil	28-16	28-16
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V


VDE Gutachten mit Fertigungsüberwachung 

	B	D
mm ² /AWG/kcmil	0.2-1.5	
Nominal current IN	8 A	
Nominal voltage UN	160 V	

cUL Recognized 

	B	D
mm ² /AWG/kcmil	28-16	28-16
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

GOST 

IECEE CB Scheme 

	B	D
mm ² /AWG/kcmil	0.2-1.5	
Nominal current IN	8 A	
Nominal voltage UN	160 V	

Printed-circuit board connector - FK-MCP 1,5/ 6-STF-3,81 - 1851274

Approvals



CCA	
mm ² /AWG/kcmil	0.2-1.5
Nominal current I _N	8 A
Nominal voltage U _N	160 V



Accessories

Accessories

Marking

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



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 3.81 mm

Tools

Phillips-screwdriver - SZS 0,4X2,5 VDE - 1205037



Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

Additional products

Printed-circuit board connector - FK-MCP 1,5/ 6-STF-3,81 - 1851274

Accessories

Base strip - DFK-MC 1,5/ 6-GF-3,81 - 1829387



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Assembly: Direct mounting

Base strip - MCDV 1,5/ 6-G1F-3,81 - 1842801



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Base strip - MCDV 1,5/ 6-GF-3,81 - 1830295



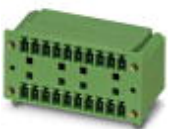
Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Base strip - MCD 1,5/ 6-GF-3,81 - 1830143



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Base strip - MCD 1,5/ 6-G1F-3,81 - 1842953



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering, In combination with MCV plug components, both an MCVW and an MCVR plug must be used.

Printed-circuit board connector - FK-MCP 1,5/ 6-STF-3,81 - 1851274

Accessories

Printed-circuit board connector - IMC 1,5/ 6-STGF-3,81 - 1858073

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Base strip - MCVU 1,5/ 6-GFD-3,81 - 1833069

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: Direct mounting



Base strip - MCVK 1,5/ 6-GF-3,81 - 1832918

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: DIN rail



Base strip - MCV 1,5/ 6-GF-3,81 - 1830635

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering



Base strip - MC 1,5/ 6-GF-3,81 - 1827907

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering



Printed-circuit board connector - FK-MCP 1,5/ 6-STF-3,81 - 1851274

Accessories

Base strip - MC 1,5/ 6-GF-3,81 THT - 1909074

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: Black, Contact surface: Tin, Assembly: SMD/THT/THR, User information and design recommendations for through hole reflow technology can be found under "Downloads"



Base strip - SMC 1,5/ 6-GF-3,81 - 1827460

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Soldering



Base strip - EMCV 1,5/ 6-GF-3,81 - 1879324

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Press-in



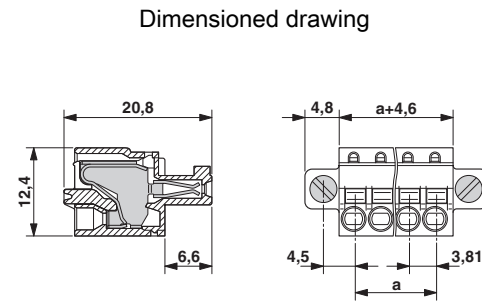
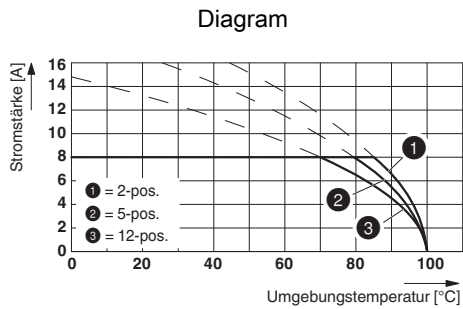
Base strip - EMC 1,5/ 6-GF-3,81 - 1896983

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Assembly: Press-in



Drawings

Printed-circuit board connector - FK-MCP 1,5/ 6-STF-3,81 - 1851274



Type: FK-MCP 1,5/...-STF-3,81 with MC 1,5/...-GF-3,81 P.. THR

