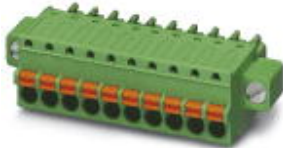


Printed-circuit board connector - FK-MCP 1,5/ 2-STF-3,5 - 1940091

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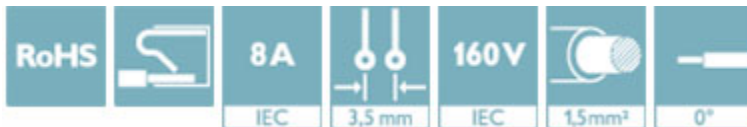
Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



The figure shows a 10-position version of the product

Why buy this product

- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Intuitive use through colour coded actuation lever
- ✓ Screwable flange for superior mechanical stability
- ✓ Quick and convenient testing using integrated test option



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 017918 881290
GTIN	4017918881290
Weight per Piece (excluding packing)	3.010 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length [l]	20.8 mm
Width [w]	17.3 mm
Height [h]	12.4 mm

Printed-circuit board connector - FK-MCP 1,5/ 2-STF-3,5 - 1940091

Technical data

Dimensions

Pitch	3.5 mm
Dimension a	3.5 mm

General

Range of articles	FK-MCP 1,5/...-STF
Type of contact	Female connector
Number of positions	2
Connection method	Push-in spring connection
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
Flammability rating according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	9 mm

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

Standards and Regulations

Printed-circuit board connector - FK-MCP 1,5/ 2-STF-3,5 - 1940091

Technical data

Standards and Regulations

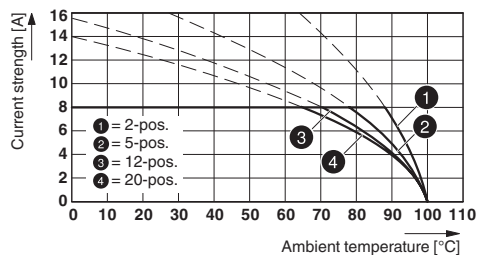
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

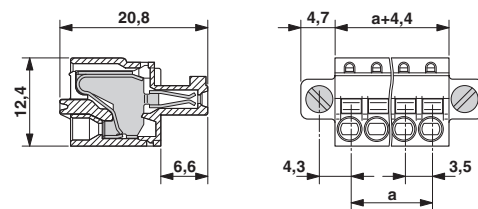
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Diagram



Dimensional drawing



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

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	27440309
eCl@ss 9.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638
ETIM 6.0	EC002638

Printed-circuit board connector - FK-MCP 1,5/ 2-STF-3,5 - 1940091

Classifications

UNSPSC

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

Approvals

Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / CCA / cULus Recognized / EAC

Ex Approvals

Approval details

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40011723
mm²/AWG/kcmil	0.2-1.5		
Nominal current IN	8 A		
Nominal voltage UN	160 V		

IECCEB Scheme		http://www.iecee.org/	DE1-59621-B1B2
mm²/AWG/kcmil	0.2-1.5		
Nominal current IN	8 A		
Nominal voltage UN	160 V		

CCA	CCA/ DE1 34219		
mm²/AWG/kcmil	0.2-1.5		

Printed-circuit board connector - FK-MCP 1,5/ 2-STF-3,5 - 1940091

Approvals

Nominal current I _N	8 A
Nominal voltage U _N	160 V

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19920306
		B	
mm²/AWG/kcmil		28-16	
Nominal current I _N		8 A	
Nominal voltage U _N		300 V	

EAC		B.01742
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Accessories

Accessories

Crimping tool

Crimping pliers - CRIMPFOX 6 - 1212034



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

Labeled terminal marker

Marker card - SK 3,5/2,8:FORTL.ZAHLEN - 0804073



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, mounting type: adhesive, for terminal block width: 3.5 mm, lettering field size: 3.5 x 2.8 mm

Screwdriver tools

Printed-circuit board connector - FK-MCP 1,5/ 2-STF-3,5 - 1940091

Accessories

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

Terminal marking

Marker card - SK U/2,8 WH:UNBEDRUCKT - 0803883



Marker card, Sheet, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Office printing systems, mounting type: adhesive, for terminal block width: 210 mm, lettering field size: 186 x 2.8 mm

Test plugs - MPS-MT 1-S - 1944372



Test plugs, consisting of Ø 1 mm test pin, 150 mm conductor length, and Ø 2 mm socket

Additional products

Printed-circuit board connector - MCV 1,5/ 2-GF-3,5 P20 THRR32 - 1780668



Header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Printed-circuit board connector - MC 1,5/ 2-GF-3,5 P26 THR - 1789164



Header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering

Printed-circuit board connector - FK-MCP 1,5/ 2-STF-3,5 - 1940091

Accessories

Printed-circuit board connector - MC 1,5/ 2-GF-3,5 P26 THRR32 - 1789177

Header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering



Printed-circuit board connector - MC 1,5/ 2-GF-3,5 P20 THRR32 - 1789397

Header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering



Printed-circuit board connector - MC 1,5/ 2-GF-3,5 P14 THR - 1789601

Header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering



Printed-circuit board connector - MC 1,5/ 2-GF-3,5 P14 THRR32 - 1789614

Header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.5 mm, color: black, contact surface: Tin, mounting: THR soldering



Base strip - MCV 1,5/ 2-GF-3,5 - 1843224

Header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.5 mm, color: green, contact surface: Tin, mounting: Wave soldering



Printed-circuit board connector - FK-MCP 1,5/ 2-STF-3,5 - 1940091

Accessories

Base strip - MC 1,5/ 2-GF-3,5 - 1843790

Header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.5 mm, color: green, contact surface: Tin, mounting: Wave soldering



Base strip - EMC 1,5/ 2-GF-3,5 - 1897241

Header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.5 mm, color: green, contact surface: Tin, mounting: Press-in technology



Base strip - EMCV 1,5/ 2-GF-3,5 - 1911169

Header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 2, pitch: 3.5 mm, color: green, contact surface: Tin, mounting: Press-in technology

