

Printed-circuit board connector - FMC 1,5/ 3-ST-3,5-RF - 1952034

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Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, 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
- ✓ Operation and conductor connection from one direction enable integration into front of device
- ✓ Intuitive locking mechanism prevents accidental disconnection



Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	2.440 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	22.9 mm
Height	7.8 mm
Width	20.6 mm
Pitch	3.50 mm
Dimension a	7 mm

General

Range of articles	FMC 1,5/...-ST-RF
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Technical data

General

Type of contact	Female connector
Number of positions	3
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
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	10 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.2 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.	0.75 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	16

Standards and Regulations

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

Environmental Product Compliance

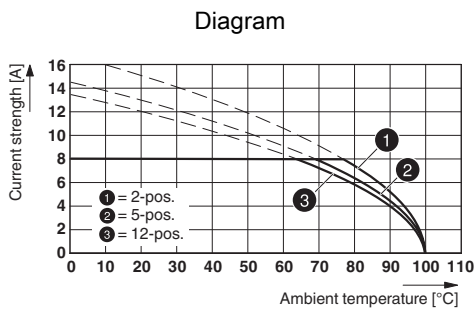
Printed-circuit board connector - FMC 1,5/ 3-ST-3,5-RF - 1952034

Technical data

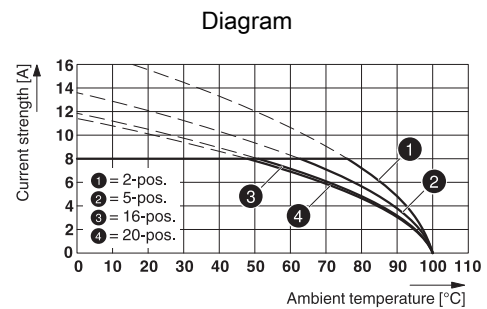
Environmental Product Compliance

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

Drawings

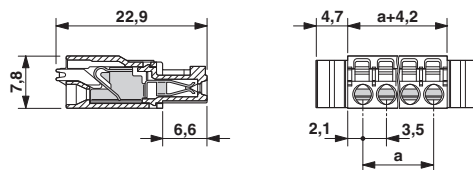


Type: FMC 1,5/...-ST-3,5-RF with IFMC 1,5/...-ST-3,5-RN



Type: FMC 1,5/...-ST-3,5-RF with MCDN 1,5/...-G1-3,5 RNP..THR

Dimensional drawing



Approvals

Approvals

Approvals


VDE Gutachten mit Fertigungsüberwachung / cULus Recognized / IECEE CB Scheme / EAC

Ex Approvals


Approval details

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Approvals

VDE Gutachten mit Fertigungsüberwachung  http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx 40011723	
mm ² /AWG/kcmil	0.2-1.5
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	C
mm ² /AWG/kcmil	24-16	24-16
Nominal current I _N	8 A	8 A
Nominal voltage U _N	150 V	50 V

IECEE CB Scheme  http://www.iecee.org/ DE1-56063-B1B2	
mm ² /AWG/kcmil	0.2-1.5
Nominal current I _N	8 A
Nominal voltage U _N	160 V

EAC B.01742
