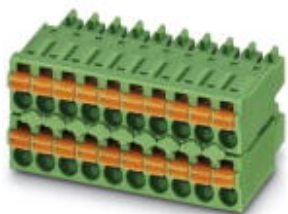


Printed-circuit board connector - FMCD 1,5/ 6-ST-3,5 - 1738843

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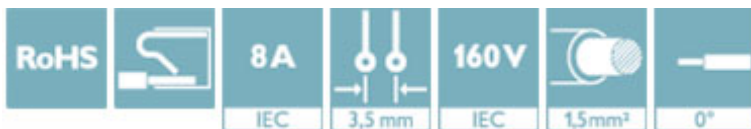


PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 6, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin


The figure shows a 10-pos. version with 20 contacts

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



Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 295147
GTIN	4046356295147

Technical data

Dimensions

Length [l]	22.9 mm
Width [w]	21.75 mm
Height [h]	16 mm
Pitch	3.5 mm
Dimension a	17.5 mm

General

Range of articles	FMCD 1,5/...-ST
Type of contact	Female connector
Number of positions	6
Connection method	Push-in spring connection
Insulating material group	I

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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
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

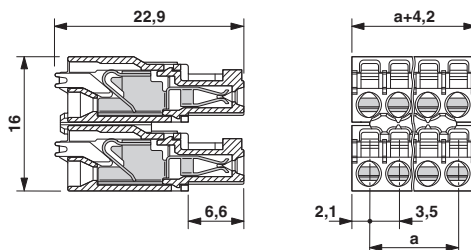
Environmental Product Compliance

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

Drawings

Printed-circuit board connector - FMCD 1,5/ 6-ST-3,5 - 1738843

Dimensional drawing



Approvals

Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / IEC60320 CB Scheme / EAC / cULus Recognized

Ex Approvals

Approval details


VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40011723
Nominal voltage UN	160 V		
Nominal current IN	8 A		
mm ² /AWG/kcmil	0.2-1.5		

IECEE CB Scheme		http://www.iecee.org/	DE1-60604-B1B2
Nominal voltage UN	160 V		
Nominal current IN	8 A		
mm ² /AWG/kcmil	0.2-1.5		

EAC		B.01742
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Approvals

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19920306
		B
Nominal voltage UN		150 V
Nominal current IN		8 A
mm ² /AWG/kcmil		24-16

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