

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Phoenix Contact](#)  
[1738843](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

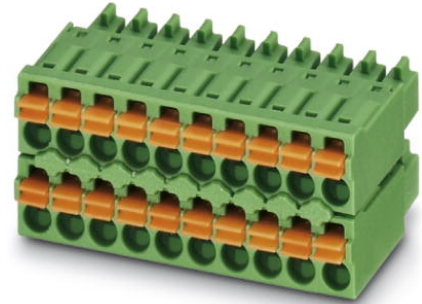


Extract from the online catalog

## FMCD 1,5/ 6-ST-3,5

Order No.: 1738843


The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1738843>

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.5 mm, Color: green, Metal surface: Sn

### Commercial data

GTIN (EAN)	 4 046356 295147
sales group	E101
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 153 (CC-2009)

### Product notes

WEEE/RoHS-compliant since:  
05/22/2007



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### Dimensions / positions

Length	22.9 mm
Height	16 mm
Pitch	3.5 mm
Dimension a	17.5 mm
Number of positions	6

FMCD 1,5/ 6-ST-3,5 Order No.: 1738843

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1738843>
**Technical data**

Range of articles	FMCD 1,5/...-ST
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/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 <sup>2</sup>
Maximum load current	8 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A1
Stripping length	10 mm
Nominal voltage, UL/CUL Use Group B	150 V
Nominal current, UL/CUL Use Group B	8 A
Nominal voltage, UL/CUL Use Group D	150 V
Nominal current, UL/CUL Use Group D	8 A

**Connection data**

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16

FMCD 1,5/ 6-ST-3,5 Order No.: 1738843

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1738843>

Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	16

### Certificates / Approvals

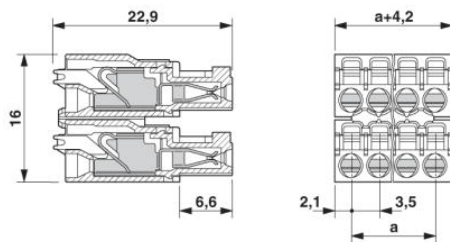


Certification

CUL, UL

### Diagrams/Drawings

Dimensioned drawing



FMCD 1,5/ 6-ST-3,5 Order No.: 1738843

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1738843>

---

**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



© 2011 Phoenix Contact  
Technical modifications reserved;