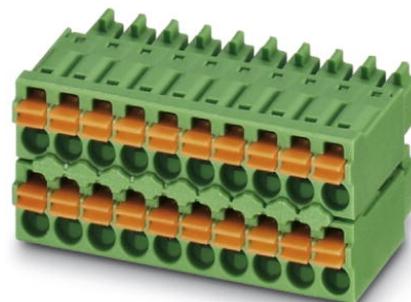


## FMCD 1,5/ 7-ST-3,5

Order No.: 1738856

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1738856>

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V,  
Number of positions: 7, Pitch: 3.5 mm, Connection method: Spring-  
cage conn.

### Commercial data

GTIN (EAN)	
sales group	E101
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 189 (CC-2011)

### 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	21 mm

Number of positions	7
<b>Technical data</b>	
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
<b>Connection data</b>	
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
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	16

**Certificates / Approvals**

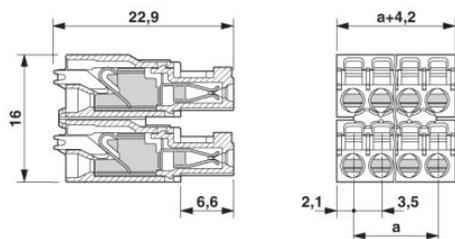


Certification

CUL, UL

**Diagrams/Drawings**

Dimensioned drawing



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