

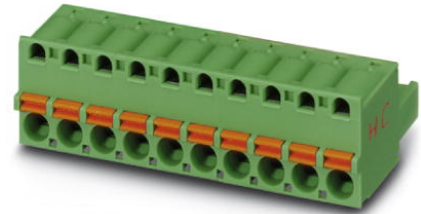


Extract from the online catalog

## FKC 2,5 HC/ 7-ST-5,08

Order No.: 1942426

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1942426>

Plug component, Nominal current: 16 A, Rated voltage (III/2): 320 V, Pitch: 5.08 mm, Color: green, Metal surface: Sn, COMBICON plug connectors may only be activated under no load conditions. If for operating reasons small loads must be switched, experimental values are available upon request.

Commercial data	
EAN	4017918881238
Note	Made-to-order
sales group	E502
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.0131 KG
Catalog page information	Page 352 (CC-2009)

#### Product notes

WEEE/RoHS-compliant since:  
01/01/2003



<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	
<b>Dimensions / positions</b>	
Pitch	5.08 mm
Dimension a	30.48 mm
Number of positions	7

FKC 2,5 HC/ 7-ST-5,08 Order No.: 1942426  
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#### Technical data

Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	16 A
Nominal voltage $U_N$	250 V
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	16 A (with 2.5 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A2
Stripping length	10 mm
Nominal voltage, UL/CUL Use Group B	250 V
Nominal current, UL/CUL Use Group B	16 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

#### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 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.	2.5 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.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>

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http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1942426

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	12

**Certificates / Approvals**



Certification CB, CUL, GOST, UL, VDE-PZI

**CUL**

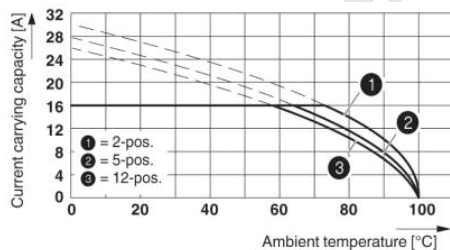
Nominal voltage $U_N$	300 V
Nominal current $I_N$	10 A
AWG/kcmil	26-12

**UL**

Nominal voltage $U_N$	300 V
Nominal current $I_N$	10 A
AWG/kcmil	26-12

**Diagrams/Drawings**

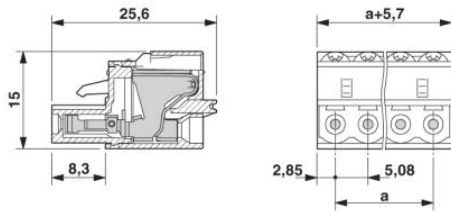
Diagram



Derating curve for: FKC 2,5 HC/...-ST with MSTBA 2,5 HC/...-G

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Dimensioned drawing



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