

## PC 6-16/ 8-G1F-10,16


Order No.: 1999068

The figure shows a 5-pos. version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1999068>

Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 8, Pitch: 10.16 mm, Color: green, Assembly: Soldering

Commercial data	
GTIN (EAN)	 4 046356 038560
Note	Made-to-order
sales group	E541
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 473 (CC-2011)

### Product notes

WEEE/RoHS-compliant since:  
05/18/2004



<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	34 mm
Height	13.4 mm
Pitch	10.16 mm
Dimension a	71.12 mm
Number of positions	8

Pin dimensions	0.8 x 1.2 mm
Pin spacing	10.16 mm
Hole diameter	1.7 mm

#### Technical data

Range of articles	PC 6-16/...-G1F
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	76 A (41 A in combination with PC 6 plug)
Nominal voltage $U_N$	1000 V
Maximum load current	76 A (41 A in combination with PC 6 plug)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	66 A
Nominal voltage, UL/CUL Use Group C	300 V
Nominal current, UL/CUL Use Group C	66 A
Nominal voltage, UL/CUL Use Group D	600 V
Nominal current, UL/CUL Use Group D	5 A

#### Certificates / Approvals



Certification

CB, CCA, CUL, SEV, UL

**Accessories**

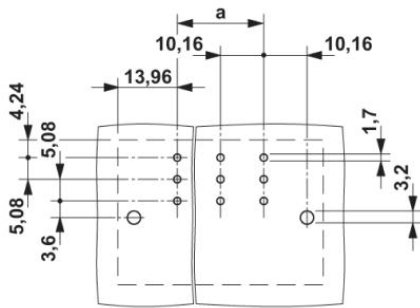
Item	Designation	Description
<b>General</b>		
1970016	CS-IPC 16/ 6	Coding pin, serves to ensure correct polarization on the PCB during manual mounting

**Plug/Adapter**

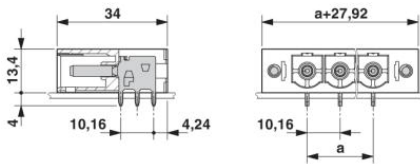
1600027	CP-HCC 4	Coding profile, Color: red
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**Diagrams/Drawings**

Drilling plan/solder pad geometry



Dimensioned drawing



**Address**

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