

## Base strip - IPCV 16/ 5-G-10,16 - 1969726

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

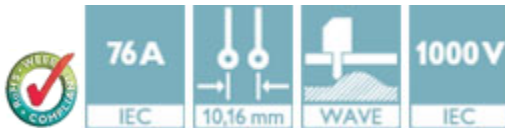


Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering

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

### Product Features

- Integrated double steel spring
- CS-IPC 16/6 for anti-rotation protection during assembly
- Inverted vertical IPC 16 headers for implementing a touch-proof PCB output or a PCB/PCB connection (in combination with PC 6-16 base strips)



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	
Weight per Piece (excluding packing)	19.65 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### Dimensions

Length	13.6 mm
Pitch	10.16 mm
Dimension a	40.64 mm
Constructional height	33 mm
Length of the solder pin	4 mm

## Base strip - IPCV 16/ 5-G-10,16 - 1969726

### Technical data

#### Dimensions

Pin dimensions	0,8 x 1,2
Pin spacing	10.16 mm
Hole diameter	1.7 mm

#### General

Range of articles	IPCV 16/..-G
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Nominal current I <sub>N</sub>	76 A
Maximum load current	76 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	5

#### Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

### Classifications

#### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

#### ETIM

ETIM 3.0	EC001121
----------	----------

# Base strip - IPCV 16/ 5-G-10,16 - 1969726

## Classifications

### ETIM

ETIM 4.0	EC002637
ETIM 5.0	EC002637

### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

## Approvals

### Approvals

#### Approvals

UL Recognized / SEV / cUL Recognized / EAC / IECCE CB Scheme / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

## Approval details

UL Recognized			
	B	C	D
Nominal current IN	66 A	66 A	5 A
Nominal voltage UN	300 V	300 V	600 V

SEV	
Nominal current IN	76 A
Nominal voltage UN	1000 V

# Base strip - IPCV 16/ 5-G-10,16 - 1969726

## Approvals

cUL Recognized			
	B	C	D
Nominal current I <sub>N</sub>	66 A	66 A	5 A
Nominal voltage U <sub>N</sub>	300 V	300 V	600 V

EAC

IECEE CB Scheme	
Nominal current I <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	1000 V

EAC

cULus Recognized

## Accessories

Accessories

Coding element

Coding profile - CP-PC RD - 1701967

Coding profile, for plugging into the coding ribs of the plug at a later date, insulating material, color: Red



## Base strip - IPCV 16/ 5-G-10,16 - 1969726

### Accessories

Accessories - CS-IPC 16/ 6 - 1970016



Coding pin, serves to ensure correct polarization on the PCB during manual mounting

---

### Terminal marking

Marker card - SK U/5,0 WH:UNBEDRUCKT - 0803922



Marker card, Sheet, white, unlabeled, can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 5 mm

---

### Additional products

Printed-circuit board connector - IPC 16/ 5-ST-10,16 - 1969409



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

---

Printed-circuit board connector - ISPC 16/ 5-ST-10,16 - 1748574



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 10.16 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Silver

---

Base strip - PC 6-16/ 5-G1-10,16 - 1998962



Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering

# Base strip - IPCV 16/ 5-G-10,16 - 1969726

## Accessories

### Base strip - PC 6-16/ 5-G1U-10,16 - 1996265



Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering

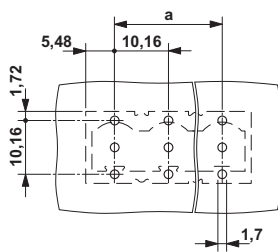
### Base strip - PCV 6-16/ 5-G1-10,16 - 1998810



Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering

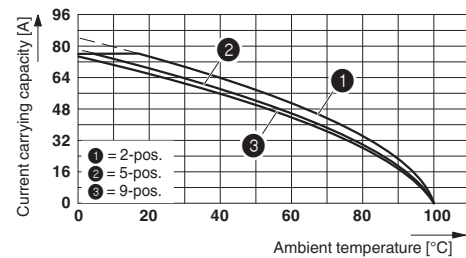
## Drawings

Drilling diagram



The illustration shows the 3-pos. version

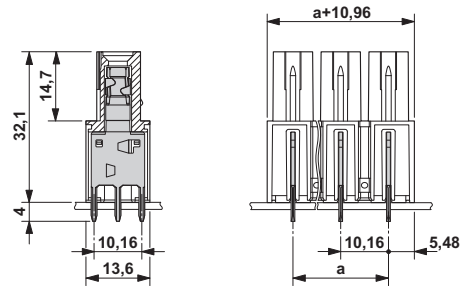
Diagram



Derating curve for: ISPC 16/...-ST-10,16 with IPCV 16/...-G-10,16

## Base strip - IPCV 16/ 5-G-10,16 - 1969726

Dimensional drawing



The illustration shows the 3-pos. version

---

Phoenix Contact 2016 © - all rights reserved  
<http://www.phoenixcontact.com>

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Pluggable Terminal Blocks](#) category:*

*Click to view products by [Phoenix Contact](#) manufacturer:*

Other Similar products are found below :

[57.404.7553](#) [57.504.0053.7](#) [57.510.0053](#) [57.910.6153](#) [01.112.1453](#) [CTB932VE/6](#) [MC 1.5/ 6-ST-3.5 GY AU](#) [ET02015000J0G](#) [734-104](#) [734-302](#) [734-304](#) [8-141-P](#) [FKCT 2.5/ 3-ST KMGY](#) [860505](#) [860508](#) [860516](#) [860810](#) [861908](#) [GBPACX-12](#) [93.731.4953.0](#) [PV05-5,08-K](#) [PVP02-5,00](#) [PVP04-3,50](#) [PVS02-5,00](#) [1-1986160-3](#) [H-10](#) [1546228-5](#) [ELFP03110](#) [ELVP03100](#) [ELXH03100](#) [ELXP041G0](#) [ELXT046G0](#) [1700101](#) [1700410](#) [1700425](#) [1703176](#) [1703243](#) [1705229](#) [1710175](#) [1714537](#) [1717806](#) [1719600](#) [1728941](#) [1729386](#) [1734692](#) [1734795](#) [1736036](#) [1740194](#) [1740291](#) [1740628](#)