



**Automatización Eléctrica**  
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

## Base strip - IPC 16/ 6-GU-10,16 - 1969894

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>)

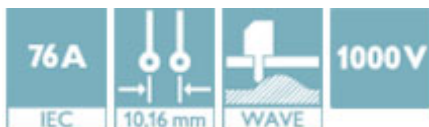
Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering, Plug direction parallel to the PCB: connector part rotated by 180° with respect to the plug axis.



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

### Why buy this product

- Inverted IPC 16 headers for implementing a touch-proof PCB output or a PCB/PCB connection (in combination with PC 6-16 base strips)
- PCB-SHIELD shroud (EMC connection)



### Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 948641

### Technical data

#### Dimensions

Length	32.1 mm
Pitch	10.16 mm
Dimension a	50.8 mm
Constructional height	14 mm
Length of the solder pin	4 mm
Pin dimensions	0,8 x 1,2
Pin spacing	10.16 mm
Hole diameter	1.7 mm

#### General

Range of articles	IPC 16/...-GU
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV

# Base strip - IPC 16/ 6-GU-10,16 - 1969894

## Technical data

### General

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	6

### 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
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

# Base strip - IPC 16/ 6-GU-10,16 - 1969894

## Approvals

Approvals

UL Recognized / SEV / cUL Recognized / EAC / IECCEB Scheme / 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

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

EAC
-----

IECEE CB Scheme	
Nominal current IN	76 A
Nominal voltage UN	1000 V

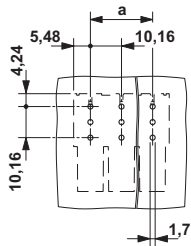
# Base strip - IPC 16/ 6-GU-10,16 - 1969894

## Approvals

cULus Recognized  US

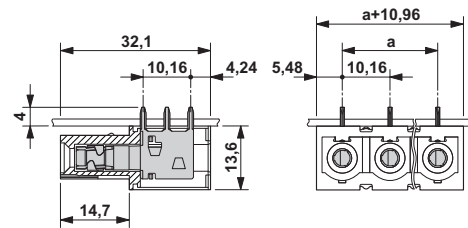
## Drawings

Drilling diagram



The illustration shows the 3-pos. version

Dimensional drawing



The illustration shows the 3-pos. version

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

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>



Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Soldering, Plug direction parallel to the PCB: connector part rotated by 180° with respect to the plug axis.	1969894	IPC 16/ 6-GU-10,16	<a href="#">Buy on EAN</a>