

Base strip - IPCV 16/ 6-GF-10,16 - 1969810

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>)

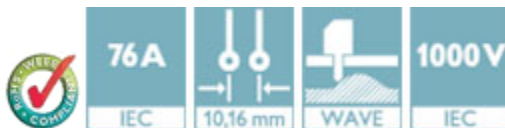


Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering

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	 4 017918 946821
Weight per Piece (excluding packing)	28.0 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

Dimensions

Length	13.6 mm
Pitch	10.16 mm
Dimension a	50.8 mm
Constructional height	33 mm
Length of the solder pin	4 mm

Base strip - IPCV 16/ 6-GF-10,16 - 1969810

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/..-GF
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_N	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
----------	----------

Base strip - IPCV 16/ 6-GF-10,16 - 1969810

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 I _N	66 A	66 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

SEV	
Nominal current I _N	76 A
Nominal voltage U _N	1000 V

Base strip - IPCV 16/ 6-GF-10,16 - 1969810

Approvals

cUL Recognized 			
	B	C	D
Nominal current I _N	66 A	66 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

EAC

IECEE CB Scheme 	
Nominal current I _N	76 A
Nominal voltage U _N	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/ 6-GF-10,16 - 1969810

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/ 6-STF-10,16 - 1969496



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

Printed-circuit board connector - ISPC 16/ 6-STF-10,16 - 1748668

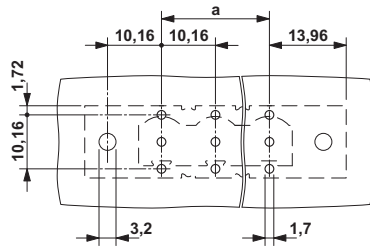


Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 10.16 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Silver

Drawings

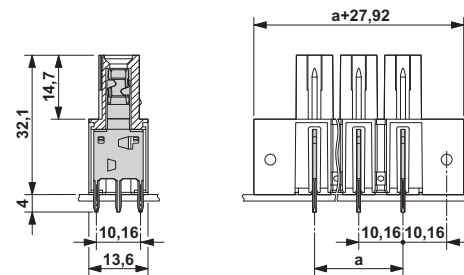
Base strip - IPCV 16/ 6-GF-10,16 - 1969810

Drilling diagram



The illustration shows the 3-pos. version

Dimensional drawing



The illustration shows the 3-pos. version

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1969810](#)