

https://www.phoenixcontact.com/cn/products/1702811



## Base strip - DFK-IPC 16/ 2-GFU-10,16 - 1702811

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




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

### Why buy this product

- Well-known mounting principle allows worldwide use
- Flange system enables secure fixing to the housing panel by means of tool-free snap-in locking or screws
- Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections
- Shroud for professional EMC shield connection on the front of the device
- Screwable flange for superior mechanical stability
- Integrated double steel spring provides additional safety in the event of temperature and power fluctuations



### Key Commercial Data

Packing unit	10 STK
Minimum order quantity	10 STK
GTIN	 4 046356 031400
GTIN	4046356031400
Custom tariff number	8536909000
Sales Key	AABEDA

### Technical data

#### Dimensions

Length	34.55 mm
Pitch	10.16 mm
Dimension a	10.16 mm
Constructional height	19.9 mm
Height	22 mm
Length of the solder pin	4.1 mm

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### Technical data

#### Dimensions

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

#### General

Range of articles	DFK-IPC 16/...-GFU
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/3)	1000 V
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
Maximum load current	76 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	2

#### Standards and Regulations

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

#### Environmental Product Compliance

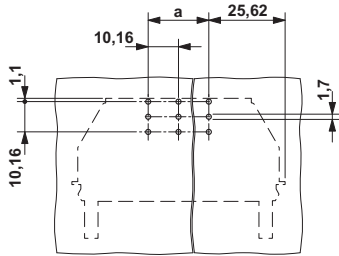
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

### Drawings

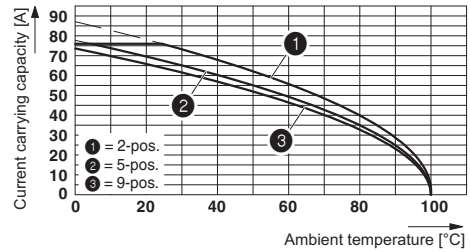


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Drilling diagram

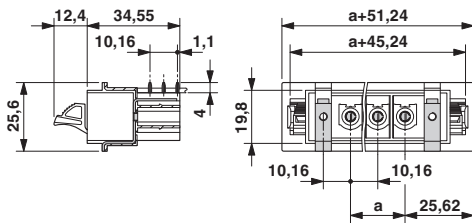


Diagram

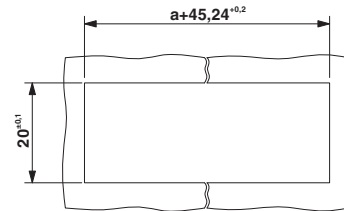


The illustration shows the derating curve for DFK-IPC 16/..-G-10,16 inverted plugs in combination with the inverted header IPC 16/..-ST-10,16.

Dimensional drawing

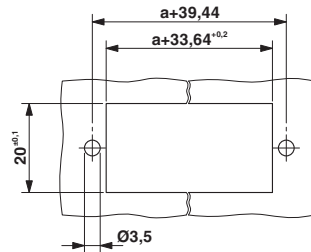


Dimensional drawing



Sheet metal cutout for snap-on.

Dimensional drawing



Sheet metal cutout for screw connection.

## Approvals

Approvals

Approvals

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

Ex Approvals


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### Approvals

#### Approval details


UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
	B	C	D
Nominal current IN	55 A	55 A	5 A
Nominal voltage UN	300 V	300 V	600 V

SEV		<a href="https://www.electrosuisse.ch/en/meta/shop/product-certificates.html">https://www.electrosuisse.ch/en/meta/shop/product-certificates.html</a>	IK-3431
Nominal current IN	76 A		
Nominal voltage UN	1000 V		

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
	B	C	D
Nominal current IN	55 A	55 A	5 A
Nominal voltage UN	300 V	300 V	600 V

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	CH-8077
Nominal current IN	76 A		
Nominal voltage UN	1000 V		

EAC		B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>
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