

Base strip - DFK-PC 6-16/ 2-GFU-10,16 - 1701692

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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
- ✔ Shroud for professional EMC shield connection on the front of the device
- ✔ Screwable flange for superior mechanical stability



Key Commercial Data

Packing unit	10 STK
Minimum order quantity	10 STK
GTIN	 4 046356 030762
GTIN	4046356030762
Custom tariff number	8536909000
Sales Key	AABEDA

Technical data

Dimensions

Length	34 mm
Pitch	10.16 mm
Dimension a	10.16 mm
Constructional height	19 mm
Length of the solder pin	4.1 mm
Pin dimensions	1,0 x 1,2 mm
Pin spacing	10.16 mm
Hole diameter	1.7 mm

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Technical data

General

Range of articles	DFK-PC 6-16/...-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

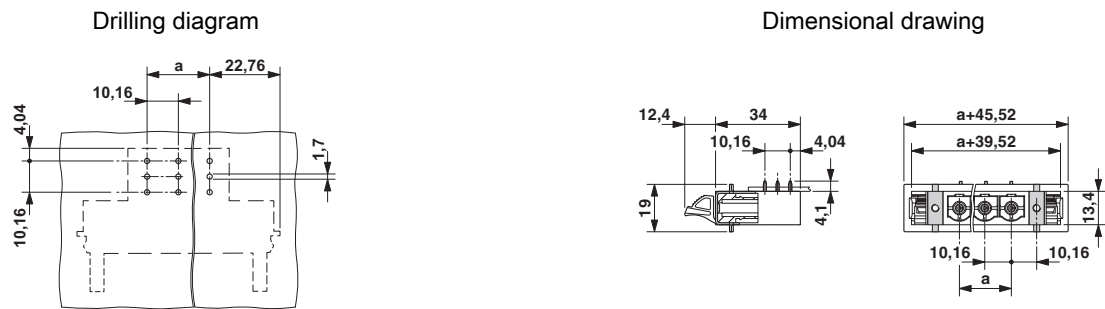
Standards and Regulations

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

Environmental Product Compliance

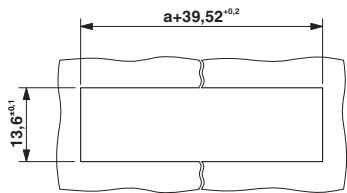
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings



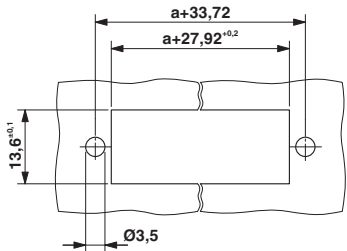
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Dimensional drawing



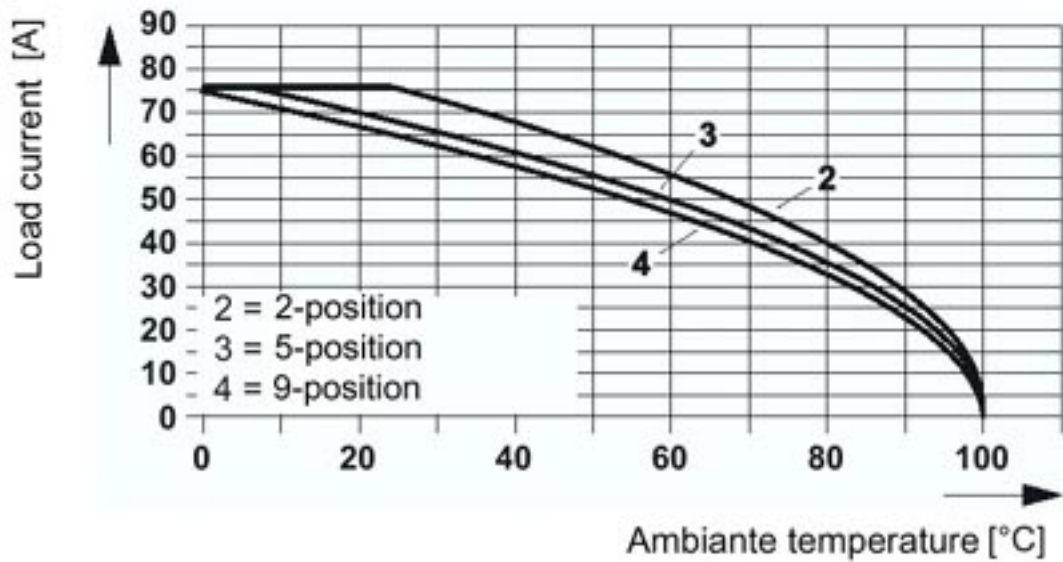
Sheet metal cutout for snap-on.

Dimensional drawing



Sheet metal cutout for screw connection.

Diagram



The illustration shows the derating curve for plugs DFK-PC(V) 6-16/...-G(F)(U)-(SH)-10,16 in combination with header PC 16/....-ST(F)-(SH)-10,16.

Approvals

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

Ex Approvals

Approval details

<https://www.phoenixcontact.com/cn/products/1701692>

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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	D
Nominal current I _N	66 A	66 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

SEV		https://www.electrosuisse.ch/en/meta/shop/product-certificates.html	IK-3431
Nominal current I _N		76 A	
Nominal voltage U _N		1000 V	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	D
Nominal current I _N	66 A	66 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

IECEE CB Scheme		http://www.iecee.org/	CH-8077
Nominal current I _N		76 A	
Nominal voltage U _N		1000 V	

EAC			B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	
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