

Base strip - DFK-PC 6-16/ 4-GFU-10,16 - 1701715

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>)

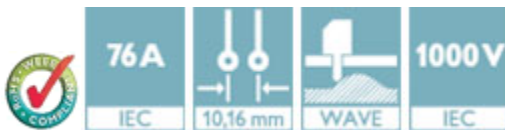
Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering



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

Product Features

- Panel thickness of 1 mm to 3 mm
- Feed-through headers for use in combination with all PC 6 and PC 16 plugs
- For soldering onto the PCB
- Mounted on the housing panel by means of tool-free snap-lock mechanism or conventional screw connection



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 10 pc |
| Weight per Piece (excluding packing) | 27.27 g |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

Technical data

Dimensions

| | |
|--------------------------|--------------|
| Length | 34 mm |
| Pitch | 10.16 mm |
| Dimension a | 30.48 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 |

Base strip - DFK-PC 6-16/ 4-GFU-10,16 - 1701715

Technical data

Dimensions

| | |
|---------------|--------|
| Hole diameter | 1.7 mm |
|---------------|--------|

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 | 4 |

Standards and Regulations

| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| | 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 | 27141190 |
| 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 - DFK-PC 6-16/ 4-GFU-10,16 - 1701715

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 - DFK-PC 6-16/ 4-GFU-10,16 - 1701715

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

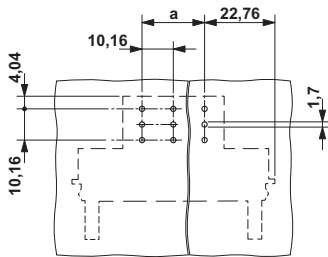
| | |
|-----------------------|--------|
| Nominal current I_N | 76 A |
| Nominal voltage U_N | 1000 V |

EAC

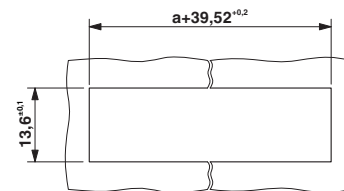
cULus Recognized

Drawings

Drilling diagram



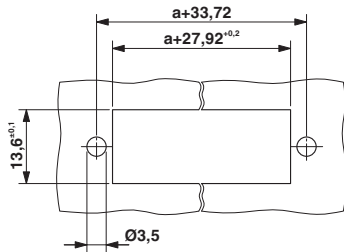
Dimensional drawing



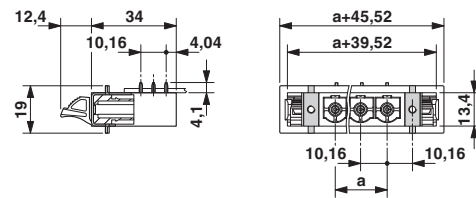
Sheet metal cutout for snap-on.

Base strip - DFK-PC 6-16/ 4-GFU-10,16 - 1701715

Dimensional drawing

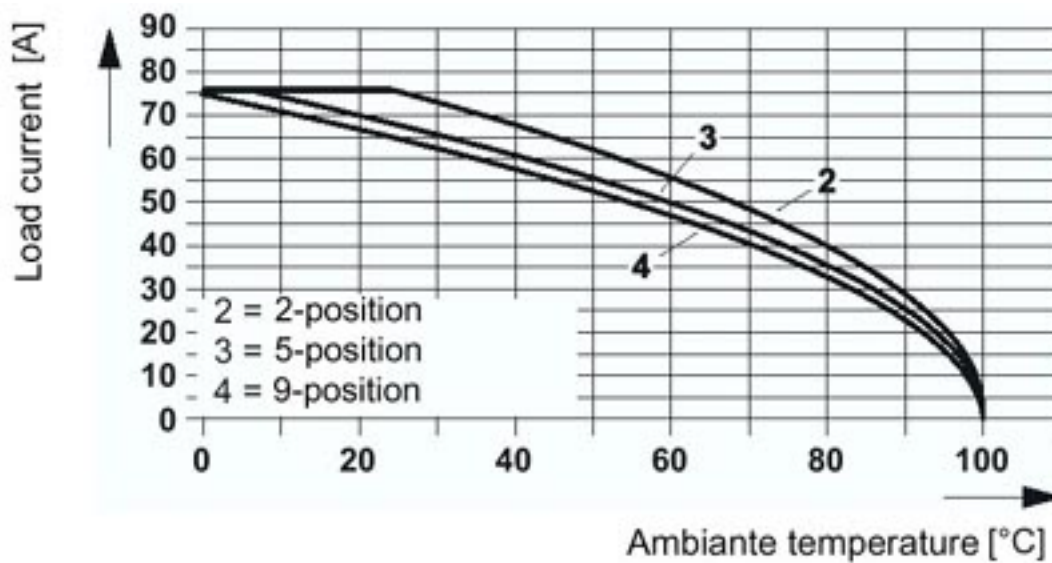


Dimensional drawing



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.