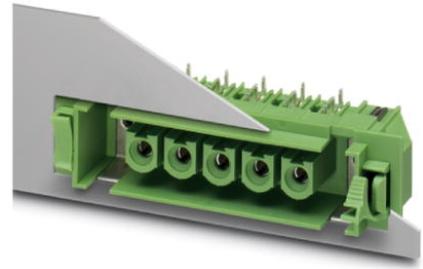


DFK-IPC 16/ 8-GFU-10,16

Order No.: 1702879

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



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1702879>

Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 8, Pitch: 10.16 mm, Color: Green, Assembly: Soldering

| Commercial data | |
|--------------------------|---|
| GTIN (EAN) |  4 046356 031462 |
| Note | Made-to-order |
| sales group | E543 |
| Pack | 10 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 485 (CC-2011) |

Product notes

WEEE/RoHS-compliant since: 11/25/2004



<http://www.download.phoenixcontact.com>
 Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

| Dimensions / positions | |
|------------------------|----------|
| Length | 34.55 mm |
| Height | 22 mm |
| Pitch | 10.16 mm |
| Dimension a | 71.12 mm |
| Number of positions | 8 |

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

Technical data

| | |
|-------------------------------------|-------------------|
| 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/2) | 1000 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 76 A |
| Nominal voltage U_N | 1000 V |
| Maximum load current | 76 A |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |
| Color | Green |
| Nominal voltage, UL/CUL Use Group B | 300 V |
| Nominal current, UL/CUL Use Group B | 66 A |
| Nominal voltage, UL/CUL Use Group C | 300 V |
| Nominal current, UL/CUL Use Group C | 66 A |
| Nominal voltage, UL/CUL Use Group D | 600 V |
| Nominal current, UL/CUL Use Group D | 5 A |

Certificates / Approvals



Certification

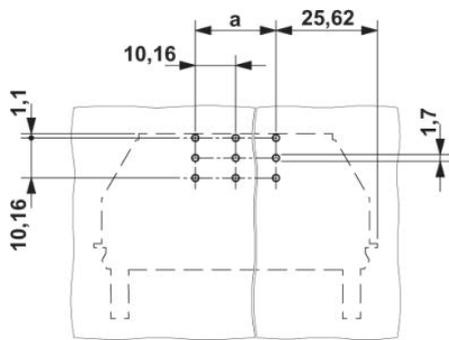
CB, CCA, CUL, SEV, UL

Accessories

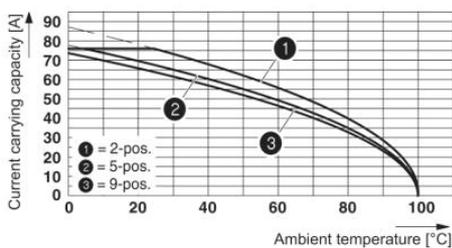
| Item | Designation | Description |
|---------------------|-----------------|--|
| General | | |
| 1970016 | CS-IPC 16/ 6 | Coding pin, serves to ensure correct polarization on the PCB during manual mounting |
| 1705449 | DFK-PC 16-SS | |
| 1205150 | SZK PH1 VDE | Screwdriver, PH crosshead, VDE insulated, size: PH 1 x 80 mm, 2-component grip, with non-slip grip |
| Plug/Adapter | | |
| 1600027 | CP-HCC 4 | Coding profile, Color: red |
| Tools | | |
| 1205040 | SZS 0,6X2,5 VDE | Screwdriver, bladed, VDE insulated, size: 0.6 x 2.5 x 80 mm, 2-component grip, with non-slip grip |

Diagrams/Drawings

Drilling plan/solder pad geometry

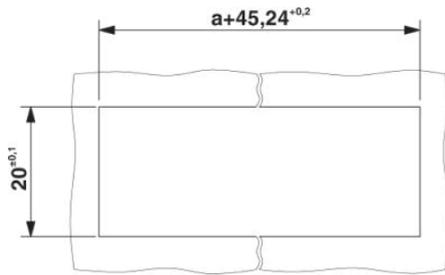


Diagram

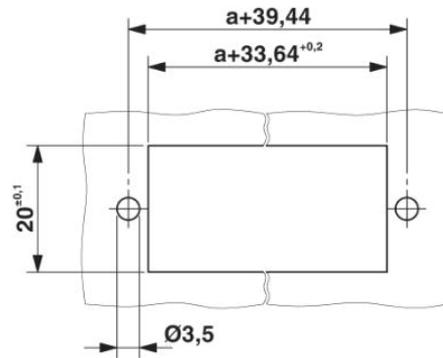


The illustration shows the derating curve for DFK-IPC 16/..-G-10,16 inverted plugs in combination with the inverted header IPC 16/..-ST-10,16.

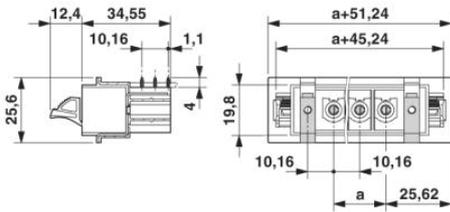
Dimensioned drawing



Sheet metal cutout for snap-on.



Sheet metal cutout for screw connection.



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