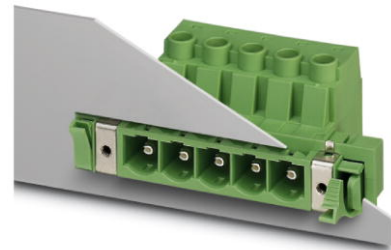



DFK-PC 16/ 5-STF-10,16

Order No.: 1703483

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1703483>

Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V,
Number of positions: 5, Pitch: 10.16 mm, Color: green, Metal surface:
Ag

Commercial data

| | |
|--------------------------|------------------------------------------------------------------------------------|
| GTIN (EAN) |  |
| sales group | E543 |
| Pack | 10 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 437 (CC-2009) |

Product notes

WEEE/RoHS-compliant since:
11/27/2004



<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**

| | |
|---------------------|----------|
| Pitch | 10.16 mm |
| Dimension a | 40.64 mm |
| Number of positions | 5 |
| Screw thread | M4 |

| | |
|------------------------|--------|
| Tightening torque, min | 1.7 Nm |
| Tightening torque max | 1.8 Nm |

Technical data

| | |
|-------------------------------------|--------------------|
| Range of articles | DFK-PC 16/...-ST |
| 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 |
| Nominal cross section | 16 mm ² |
| Maximum load current | 76 A |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |
| Internal cylindrical gage | A6 |
| Stripping length | 14 mm |
| Nominal voltage, UL/CUL Use Group B | 600 V |
| Nominal current, UL/CUL Use Group B | 55 A |
| Nominal voltage, UL/CUL Use Group C | 600 V |
| Nominal current, UL/CUL Use Group C | 55 A |

Connection data

| | |
|----------------------------------------------------------------------------|----------------------------------------------------------|
| Conductor cross section solid min. | 0.75 mm ² |
| Conductor cross section solid max. | 16 mm ² |
| Conductor cross section stranded min. | 0.75 mm ² |
| Conductor cross section stranded max. | 16 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.5 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 16 mm ² Only in connection with CRIMPFOX 16 S |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 16 mm ² Only in connection with CRIMPFOX 16 S |

| | |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section AWG/kcmil min. | 18 |
| Conductor cross section AWG/kcmil max | 6 |
| 2 conductors with same cross section, solid min. | 0.75 mm ² |
| 2 conductors with same cross section, solid max. | 6 mm ² |
| 2 conductors with same cross section, stranded min. | 0.75 mm ² |
| 2 conductors with same cross section, stranded max. | 6 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 4 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 6 mm ² |
| Minimum AWG according to UL/CUL | 20 |
| Maximum AWG according to UL/CUL | 6 |

Certificates / Approvals

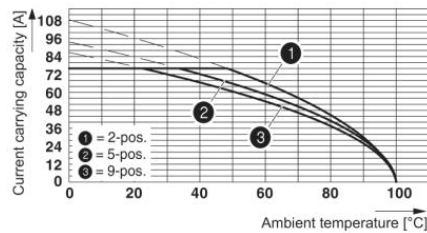


Certification

CB, CCA, CUL, SEV, UL

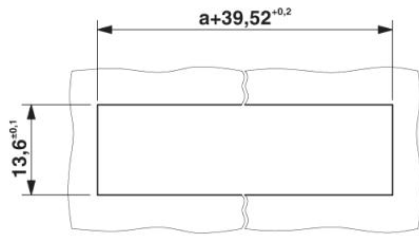
Diagrams/Drawings

Diagram



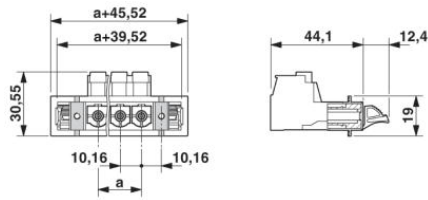
Derating curve for: PC 16/...-ST-10.16 with DFK-PC 16/...-ST-10.16

Dimensioned drawing



Sheet metal cutout for screw connection.

Sheet metal cutout for snap-on.



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