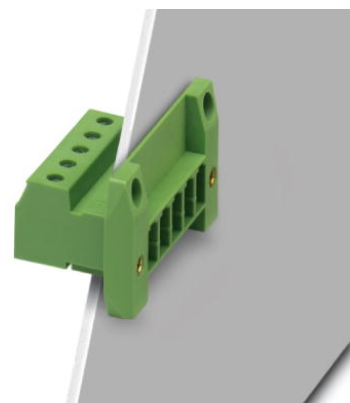


## DFK-PC 4/ 3-GF-7,62

Order No.: 1840560

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



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1840560>

Header, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm,  
no. of positions: 3, mounting: Direct mounting

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918111717      |
| Pack                     | 50 Pcs.            |
| Customs tariff           | 85369010           |
| Weight/Piece             | 0.01495 KG         |
| Catalog page information | Page 328 (CC-2007) |

### Product notes

WEEE/RoHS-compliant since:  
01/01/2003



<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                  | 7.62 mm  |
| Dimension a            | 15.24 mm |
| Number of positions    | 3        |
| Screw thread           | M 3      |
| Tightening torque, min | 0.5 Nm   |

#### Technical data

|                                    |                   |
|------------------------------------|-------------------|
| Insulating material group          | I                 |
| Rated surge voltage (III/3)        | 6 kV              |
| Rated surge voltage (III/2)        | 6 kV              |
| Rated surge voltage (II/2)         | 6 kV              |
| Rated voltage (III/2)              | 630 V             |
| Rated voltage (II/2)               | 1000 V            |
| Connection in acc. with standard   | EN-VDE            |
| Nominal current $I_N$              | 20 A              |
| Nominal voltage $U_N$              | 400 V             |
| Nominal cross section              | 4 mm <sup>2</sup> |
| Maximum load current               | 20 A              |
| Insulating material                | PA                |
| Inflammability class acc. to UL 94 | V0                |
| Stripping length                   | 7 mm              |
| Internal cylindrical gage          | A4                |

#### Connection data

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                         | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                         | 4 mm <sup>2</sup>    |
| Conductor cross section stranded min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                      | 4 mm <sup>2</sup>    |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 4 mm <sup>2</sup>    |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 4 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.                                     | 24                   |
| Conductor cross section AWG/kcmil max                                      | 10                   |
| 2 conductors with same cross section, solid min.                           | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                           | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                        | 0.2 mm <sup>2</sup>  |

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| 2 conductors with same cross section, stranded max.                                     | 2.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.2 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm <sup>2</sup> |

#### Certificates / Approvals

Approval logo



#### CSA

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 300 V |
| Nominal current I <sub>N</sub> | 20 A  |
| AWG/kcmil                      | 28-10 |

#### CUL

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 600 V |
| Nominal current I <sub>N</sub> | 20 A  |
| AWG/kcmil                      | 30-10 |

#### UL

|                                |                                 |
|--------------------------------|---------------------------------|
| Nominal voltage U <sub>N</sub> | 600 V                           |
| Nominal current I <sub>N</sub> | 20 A                            |
| AWG/kcmil                      | 30-10                           |
| Certification                  | CSA, CUL, DNV, GL, GOST, LR, UL |

#### Accessories

| Item            | Designation | Description                                                                                                               |
|-----------------|-------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Assembly</b> |             |                                                                                                                           |
| 0708263         | DFK-MSTB-SS | Screw set, for securing the header to the housing wall, consists of M 3 x 10 screw, spring washer and nut, 10 pieces each |

#### Marking

|         |                          |                                                                                                                                                                         |
|---------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0804549 | SK 7,62/3,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 10-section marker strip, 12 identical decades marked 1-10, 11-20 etc. up to 91-99, sufficient for 120 terminal blocks |
|---------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Plug/Adapter

|         |          |                                                                                           |
|---------|----------|-------------------------------------------------------------------------------------------|
| 1600027 | CP-HCC 4 | Coding profile, is inserted into the slot on the plug and header, red insulating material |
|---------|----------|-------------------------------------------------------------------------------------------|

#### Tools

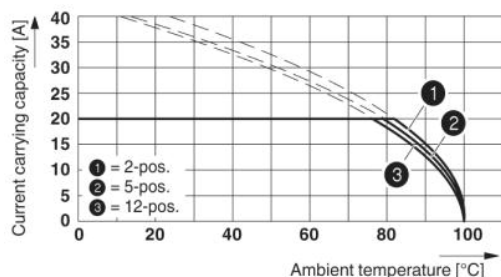
|         |             |                                                                                                                                                      |
|---------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1205053 | SZS 0,6X3,5 | Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm <sup>2</sup> connection cross section, blade: 0.6 x 3.5 mm, without VDE approval |
|---------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Additional products

| Item           | Designation         | Description                                                                                                                            |
|----------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b> |                     |                                                                                                                                        |
| 1882382        | PC 4 HV/ 3-STF-7,62 | Plug component, nominal current: 20 A, rated voltage: 800 V, pitch: 7.62 mm, no. of positions: 3, type of connection: Screw connection |
| 1828252        | PC 4/ 3-STF-7,62    | Plug component, nominal current: 20 A, rated voltage: 400 V, pitch: 7.62 mm, no. of positions: 3, type of connection: Screw connection |

#### Drawings

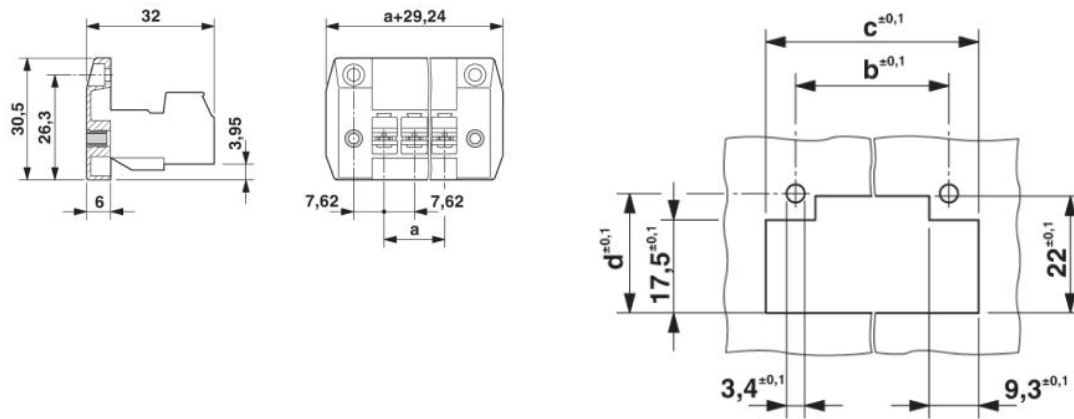
##### Diagram



Derating curve for: PC 4/...-ST-7,62 with DFK-PC 4/...-GF-7,62

Dimensioned drawing

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