

## Base strip - DFK-PC 4/11-GF-7,62 - 1840641

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Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 11, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: Direct mounting

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

### Product Features

- Can be plugged into PC 4 and PC 5 plugs
- Screw connection on the inside of the device
- Lateral mounting flanges (for screw set see accessories)
- Can be mounted from outside or prewired and mounted from inside
- Feed-through connectors for a panel thickness of 1 to 5 mm



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 pc      |
| Weight per Piece (excluding packing) | 44.69 GRM |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Poland    |

### Technical data

#### Dimensions

|             |         |
|-------------|---------|
| Pitch       | 7.62 mm |
| Dimension a | 76.2 mm |

#### General

|                             |                |
|-----------------------------|----------------|
| Range of articles           | DFK-PC 4/..-GF |
| 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           |

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### Technical data

#### General

|   |                   |
|---|-------------------|
| Rated voltage (III/3)                   | 400 V             |
| 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 cross section                   | 4 mm <sup>2</sup> |
| Maximum load current                    | 20 A              |
| Insulating material                     | PA                |
| Inflammability class according to UL 94 | V0                |
| Internal cylindrical gage               | A4                |
| Stripping length                        | 7 mm              |
| Number of positions                     | 11                |
| Screw thread                            | M3                |
| Tightening torque, min                  | 0.5 Nm            |
| Tightening torque max                   | 0.6 Nm            |

#### 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>  |

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### Connection data

|                                 |    |
|---------------------------------|----|
| Minimum AWG according to UL/CUL | 30 |
| Maximum AWG according to UL/CUL | 10 |

## 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 |

### ETIM

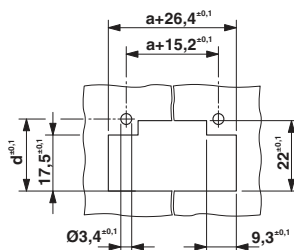
|          |          |
|----------|----------|
| ETIM 3.0 | EC001283 |
| ETIM 4.0 | EC001283 |
| ETIM 5.0 | EC001283 |

### UNSPSC

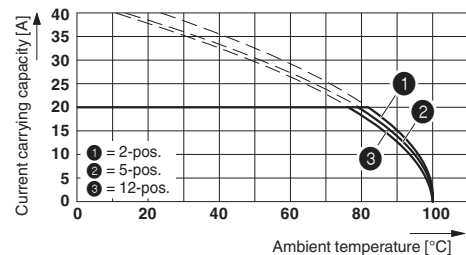
|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |

## Drawings

Dimensioned drawing



Diagram



Dimension d depending on the wall thickness (W) in mm: W=1: d=21.4  
 W=2: d=21.9  
 W=3: d=22.5

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

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W=4: d=23.1

W=5: d=23.7

Dimensioned drawing

