

## Base strip - DFK-PC 4/ 8-GF-7,62 - 1840612

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Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 8, 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)
- ☒ Feed-through connectors for a panel thickness of 1 to 5 mm
- ☒ Can be mounted from outside or prewired and mounted from inside

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4017918111762 |

### Technical data

#### Dimensions

|             |          |
|-------------|----------|
| Pitch       | 7.62 mm  |
| Dimension a | 53.34 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              |
| 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                |

## Base strip - DFK-PC 4/ 8-GF-7,62 - 1840612

### Technical data

#### General

|                           |        |
|---------------------------|--------|
| Internal cylindrical gage | A4     |
| Stripping length          | 7 mm   |
| Number of positions       | 8      |
| 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>  |
| 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 |

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## classifications

### eCl@ss

|            |          |
|------------|----------|
| 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 |

## approvals

CSA / UL Recognized / cUL Recognized / GOST / LR / GL / DNV / GOST / cULus Recognized /

### Approval details

|  |       |       |
|-------------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                           | B     | C     |
| Nominal voltage UN                                                                  | 300 V | 300 V |
| Nominal current IN                                                                  | 20 A  | 20 A  |
| mm²/AWG/kcmil                                                                       | 28-10 | 28-10 |

|  |       |       |       |
|-------------------------------------------------------------------------------------|-------|-------|-------|
| Usegroups                                                                           | B     | C     | D     |
| Nominal voltage UN                                                                  | 300 V | 300 V | 600 V |
| Nominal current IN                                                                  | 35 A  | 35 A  | 5 A   |
| mm²/AWG/kcmil                                                                       | 30-10 | 30-10 | 30-10 |

|  |       |       |       |
|-------------------------------------------------------------------------------------|-------|-------|-------|
| Usegroups                                                                           | B     | C     | D     |
| Nominal voltage UN                                                                  | 300 V | 300 V | 600 V |
| Nominal current IN                                                                  | 35 A  | 35 A  | 5 A   |

## Base strip - DFK-PC 4/ 8-GF-7,62 - 1840612

### approvals

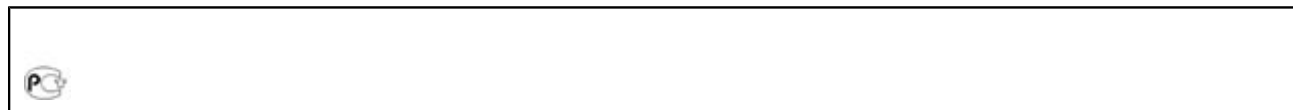
| Usegroups     | B     | C     | D     |
|---------------|-------|-------|-------|
| mm²/AWG/kcmil | 30-10 | 30-10 | 30-10 |



| LR                 |       |
|--------------------|-------|
| Nominal voltage UN | 400 V |
| Nominal current IN | 20 A  |
| mm²/AWG/kcmil      | 4     |

| GL                 |       |
|--------------------|-------|
| Nominal voltage UN | 400 V |
| Nominal current IN | 20 A  |
| mm²/AWG/kcmil      |       |

| DNV |
|-----|
|-----|



### accessories

#### Labeled terminal marker

SK 7,62/3,8:FORTL.ZAHLEN - 0804549



#### Screwdriver tools

## Base strip - DFK-PC 4/ 8-GF-7,62 - 1840612

### accessories

SZS 0,6X3,5 - 1205053



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### Coding element

CP-PC RD - 1701967



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### Mounting material

DFK-MSTB-SS - 0708263

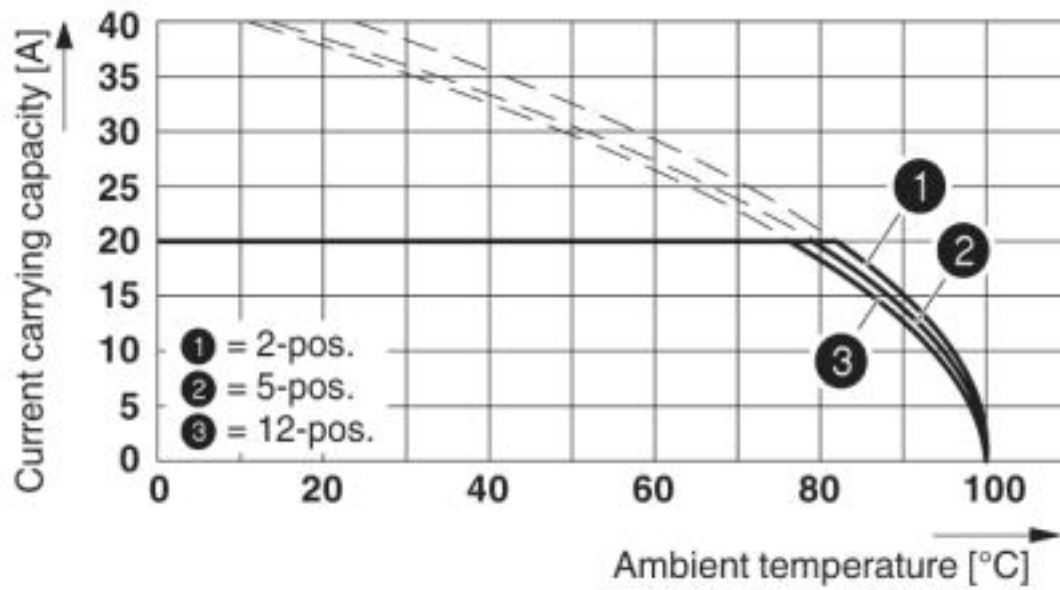


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### Drawings

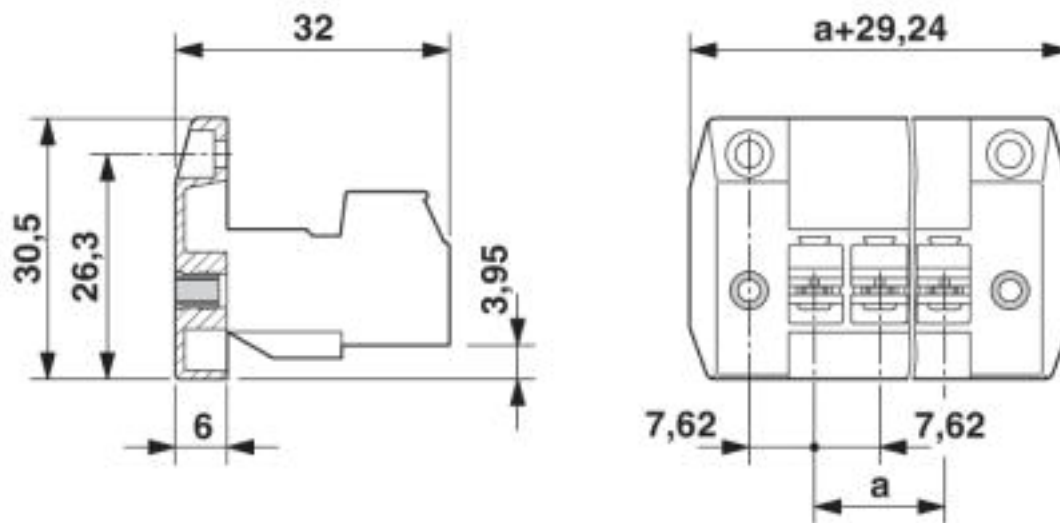
## Base strip - DFK-PC 4/ 8-GF-7,62 - 1840612

Diagram



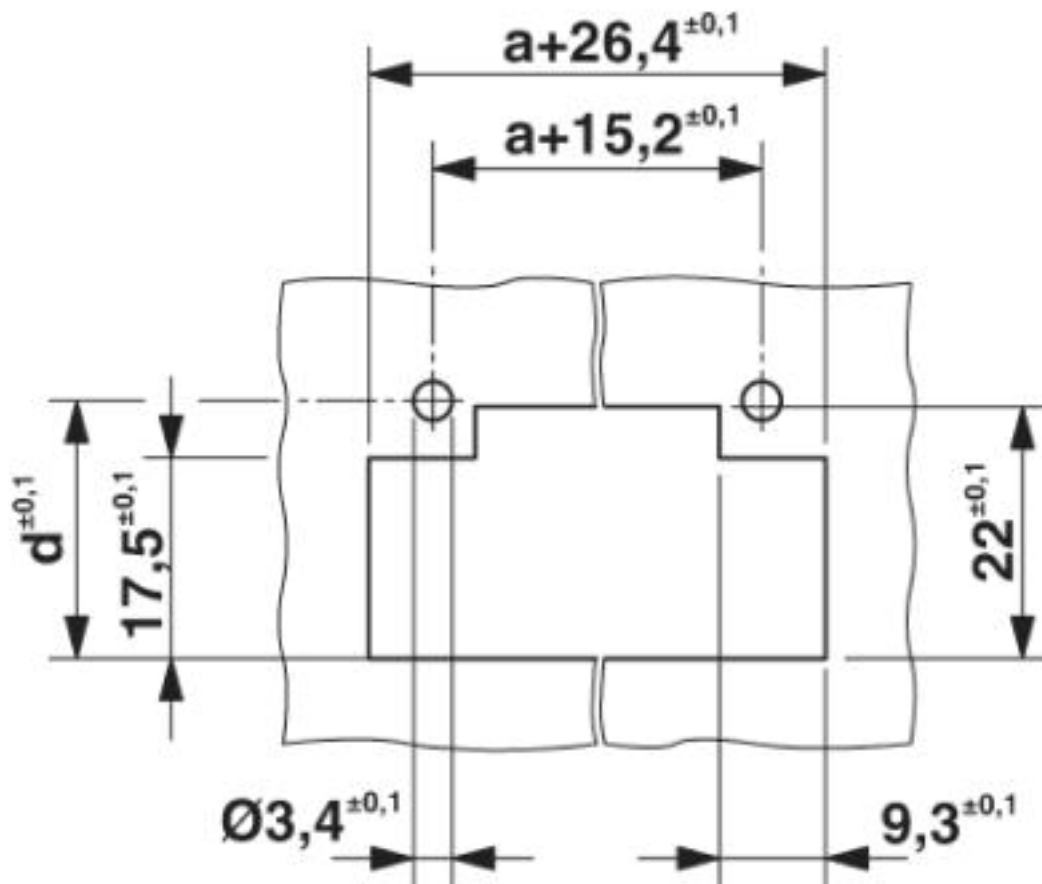
Derating curve for: PC 4/...-ST-7,62 with DFK-PC 4/...-GF-7,62

Dimensioned drawing



## Base strip - DFK-PC 4/ 8-GF-7,62 - 1840612

Dimensioned drawing



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 W=4: d=23.1 W=5: d=23.7

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