

Base strip - DFK-PC 4/ 3-GF-7,62 - 1840560

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Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 3, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Mounting: 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

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 017918 111717 |
| Weight per Piece (excluding packing) | 14.8 g |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

Technical data

Dimensions

| | |
|-------------|----------|
| Width | 44.48 mm |
| Pitch | 7.62 mm |
| Dimension a | 15.24 mm |

General

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

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Technical data

General

| | |
|--|-------------------|
| 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 ² |
| Maximum load current | 20 A |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Internal cylindrical gage | A4 |
| Stripping length | 7 mm |
| Number of positions | 3 |
| 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 ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 4 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 4 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 4 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 10 |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.2 mm ² |

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Connection data

| | |
|---|---------------------|
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1.5 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. | 2.5 mm ² |
| 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 | 27141134 |

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

Approvals

Approvals

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


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Approvals


Ex Approvals

Approvals submitted

Approval details

| | | |
|---|-------|-------|
| CSA  | | |
| | B | C |
| mm ² /AWG/kcmil | 28-10 | 28-10 |
| Nominal current I _N | 20 A | 20 A |
| Nominal voltage U _N | 300 V | 300 V |

| | | | |
|---|-------|-------|-------|
| UL Recognized  | | | |
| | B | C | D |
| mm ² /AWG/kcmil | 30-10 | 30-10 | 30-10 |
| Nominal current I _N | 35 A | 35 A | 5 A |
| Nominal voltage U _N | 300 V | 300 V | 600 V |

| | | | |
|--|-------|-------|-------|
| cUL Recognized  | | | |
| | B | C | D |
| mm ² /AWG/kcmil | 30-10 | 30-10 | 30-10 |
| Nominal current I _N | 35 A | 35 A | 5 A |
| Nominal voltage U _N | 300 V | 300 V | 600 V |

| | |
|--------------------------------|-------|
| LR | |
| mm ² /AWG/kcmil | 4 |
| Nominal current I _N | 20 A |
| Nominal voltage U _N | 400 V |

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Approvals

| | |
|--------------------------------|-------|
| GL | |
| Nominal current I _N | 20 A |
| Nominal voltage U _N | 400 V |

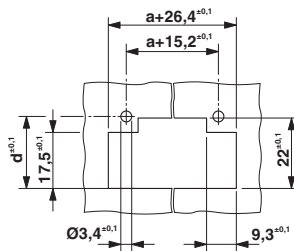
| |
|-----|
| DNV |
|-----|

| |
|-----|
| EAC |
|-----|

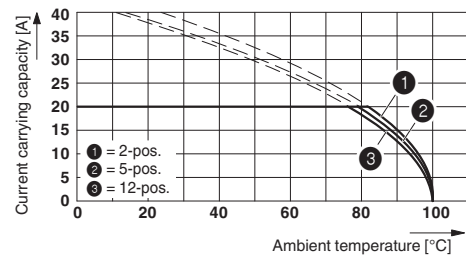
| |
|------------------|
| cULus Recognized |
|------------------|

Drawings

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

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

Dimensional drawing

