

## Base strip - DFK-PC 4/ 6-GF-7,62 - 1840599

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Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 6, 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

### Why buy this product

- Can be plugged into PC 4 and PC 5 plugs
- Lateral mounting flanges (for screw set see accessories)
- Screw connection on the inside of the device
- Feed-through plug-in 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
Minimum order quantity	1
Catalog page	Page 424 (CC-2011)
GTIN	 4 017918 111748
Custom tariff number	85366990
Country of origin	POLAND

### Technical data

#### Dimensions / positions

Pitch	7.62 mm
Dimension a	38.1 mm
Number of positions	6
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

#### Technical data

Range of articles	DFK-PC 4/...-GF
Insulating material group	I

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### Technical data

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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 IN	20 A
Nominal voltage UN	400 V
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
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	35 A
Nominal voltage, UL/CUL Use Group C	300 V
Nominal current, UL/CUL Use Group C	35 A
Nominal voltage, UL/CUL Use Group D	600 V
Nominal current, UL/CUL Use Group D	5 A

#### 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>

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## Technical data

### Connection data

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

### eclass

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

### 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

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#### Approvals

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

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

# Base strip - DFK-PC 4/ 6-GF-7,62 - 1840599


## Approvals

CSA 

	B	C
mm <sup>2</sup> /AWG/kcmil	28-10	28-10
Nominal current I <sub>N</sub>	20 A	20 A
Nominal voltage U <sub>N</sub>	300 V	300 V

UL Recognized 

	B	C	D
mm <sup>2</sup> /AWG/kcmil	30-10	30-10	30-10
Nominal current I <sub>N</sub>	35 A	35 A	5 A
Nominal voltage U <sub>N</sub>	300 V	300 V	600 V

cUL Recognized 

	B	C	D
mm <sup>2</sup> /AWG/kcmil	30-10	30-10	30-10
Nominal current I <sub>N</sub>	35 A	35 A	5 A
Nominal voltage U <sub>N</sub>	300 V	300 V	600 V

GOST 

LR

mm <sup>2</sup> /AWG/kcmil	4
Nominal current I <sub>N</sub>	20 A
Nominal voltage U <sub>N</sub>	400 V

GL


Nominal current I <sub>N</sub>	20 A
Nominal voltage U <sub>N</sub>	400 V

DNV

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### Approvals

GOST 

cULus Recognized 

### Accessories

#### Accessories

#### Assembly

Screw set - DFK-MSTB-SS - 0708263



Screw set, for securing the header to the device wall, consists of an M3 x 10 screw, with a spring washer and a nut

### Marking

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



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Adhesive, For terminal block width: 7.62 mm

### Plug/Adapter

Coding profile - CP-HCC 4 - 1600027



Coding profile, Color: red

### Tools

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## Accessories

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

## Additional products

Printed-circuit board connector - PC 4/ 6-STF-7,62 - 1828281



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 6, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

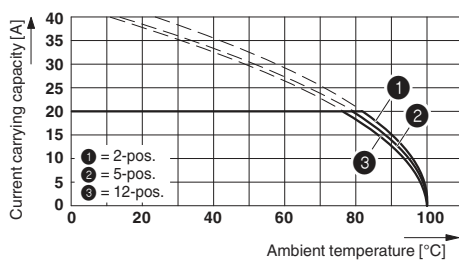
Printed-circuit board connector - PC 4 HV/ 6-STF-7,62 - 1880119



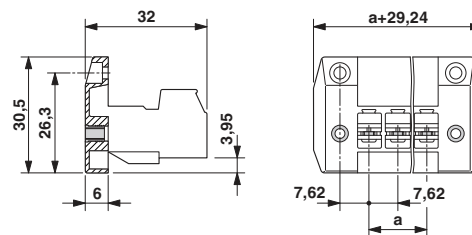
Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

## Drawings

### Diagram



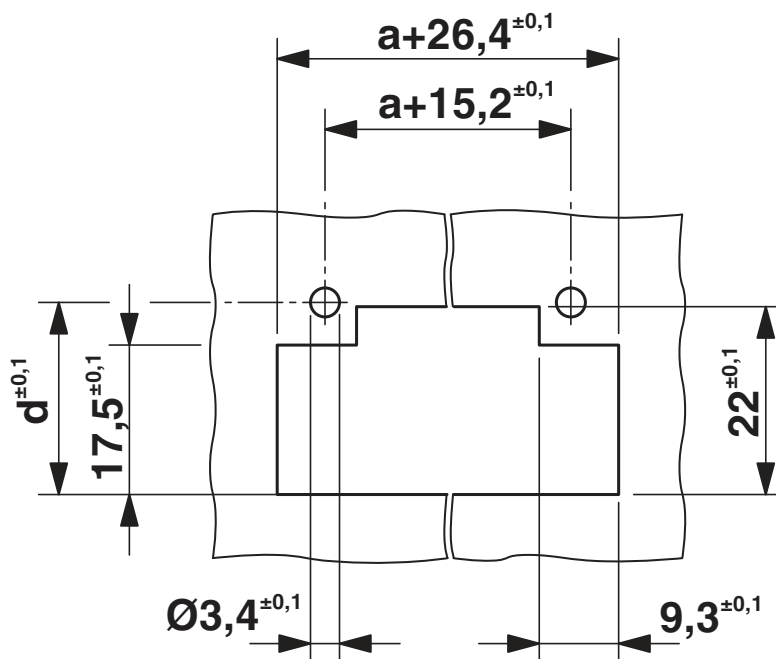
### Dimensioned drawing



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

# Base strip - DFK-PC 4/ 6-GF-7,62 - 1840599

Dimensioned drawing



Dimension  $d$  depending on the wall thickness ( $W$ ) in mm:  $W=1$ :  $d=21.4$

$W=2$ :  $d=21.9$

$W=3$ :  $d=22.5$

$W=4$ :  $d=23.1$

$W=5$ :  $d=23.7$

