

## Header - DFK-PC 4/12-G-7,62-FS4,8 - 1861251

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Plug component, Nominal current: 15 A, Rated voltage (III/2): 400 V, Number of positions: 12, Pitch: 7.62 mm, Connection method: Solder/Slip-on 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
- Slip-on plug-in connection on the inside of the device (solder connection available on request)
- Lateral mounting flanges (for screw set see accessories)
- Feed-through connectors for a panel thickness of 1 to 5 mm



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	26.98 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### Dimensions

Pitch	7.62 mm
Dimension a	83.82 mm

#### General

Range of articles	DFK-PC 4/..-G -FS4,8
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV

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### Technical data

#### General

Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	400 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	800 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	15 A
Nominal cross section	4 mm <sup>2</sup>
Maximum load current	15 A
Insulating material	PA
Flammability rating according to UL 94	V2
Number of positions	12

#### 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 flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	4 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10

#### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V2

### 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
eCl@ss 9.0	27141134

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## Classifications

### 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 / EAC / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

CSA 		
	B	C
Nominal current IN	20 A	20 A
Nominal voltage UN	300 V	300 V

UL Recognized 		
	B	C
Nominal current IN	20 A	20 A

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## Approvals

	B	C
Nominal voltage UN	300 V	300 V

cUL Recognized		
	B	C
Nominal current IN	20 A	20 A
Nominal voltage UN	300 V	300 V

EAC
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EAC
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cULus Recognized		
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## Accessories

Accessories

Coding element

Coding profile - CP-PC RD - 1701967



Coding profile, for plugging into the coding ribs of the plug at a later date, insulating material, color: Red

## Labeled terminal marker

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



Marker card, 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, Lettering field: 7.62 x 3.8 mm

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### Accessories

Marker card - SK 3,8 REEL P7,62 WH CUS - 0825128



Marker card, can be ordered: By card, white, labeled according to customer specifications, Mounting type: Adhesive, for terminal block width: 7.62 mm, Lettering field: continuous x 3.8 mm

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### Mounting material

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

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### Screwdriver tools

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

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### Terminal marking

Marker card - SK U/3,8 WH:UNBEDRUCKT - 0803906



Marker card, Sheet, white, unlabeled, can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 3.8 mm

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### Accessories

Marker strip - SK 3,8 WH:REEL - 0805218



Marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK X, THERMOMARK S1.1, THERMOMARK ROLL X1, Mounting type: Adhesive, Lettering field: continuous x 3.8 mm

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### Additional products

Plug - PC 4/12-ST-7,62 - 1805000



Plug component, Nominal current: 20 A, Rated voltage (III/2): 630 V, Number of positions: 12, Pitch: 7.62 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Printed-circuit board connector - PCC 4/12-ST-7,62 - 1840094



Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 12, Pitch: 7.62 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 13,5A/STG-MTN 0,5-1,0 (3190438); 13,5A/STG-MTN 0,5-1,0 BA (3190629); 20A/STG-MTN 1,5-2,5 (3190506); 20A/STG-MTN 1,5-2,5 BA (3190632). BA = Taped contacts

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Printed-circuit board connector - PC 5/12-ST1-7,62 - 1777820



Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 12, Pitch: 7.62 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Printed-circuit board connector - SPC 5/12-ST-7,62 - 1996113



Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 12, Pitch: 7.62 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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## Accessories

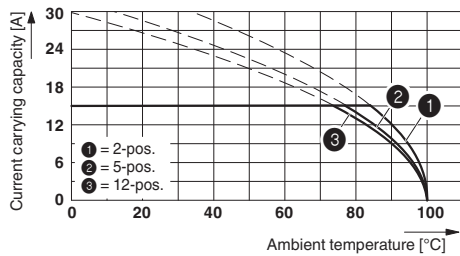
Printed-circuit board connector - TSPC 5/12-ST-7,62 - 1728552



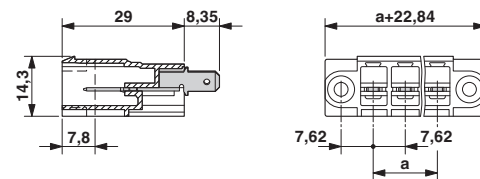
Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 12, Pitch: 7.62 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

## Drawings

Diagram

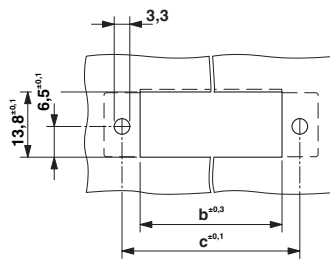


Dimensional drawing



Derating curve for: PC 4/...-ST-7,62 with DFK-PC 4/...-G-7,62-FS4,8

Dimensional drawing



Dimension b = 91.39 mm; dimension c = 99.06 mm

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