

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, Mounting: 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
- 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	50 pc
GTIN	 4 017918 111793
Weight per Piece (excluding packing)	44.69 g
Custom tariff number	85366990
Country of origin	Poland
Note	Made to Order (non-returnable)

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 ²
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 ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	4 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm ²
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 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
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

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Technical data

Connection data

Maximum AWG according to UL/CUL	10
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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

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

Ex Approvals

Approvals submitted

Approval details

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Approvals

CSA 		
	B	C
mm ² /AWG/kcmil	28-10	28-10
Nominal current IN	20 A	20 A
Nominal voltage UN	300 V	300 V

UL Recognized 			
	B	C	D
mm ² /AWG/kcmil	30-10	30-10	30-10
Nominal current IN	35 A	35 A	5 A
Nominal voltage UN	300 V	300 V	600 V

cUL Recognized 			
	B	C	D
mm ² /AWG/kcmil	30-10	30-10	30-10
Nominal current IN	35 A	35 A	5 A
Nominal voltage UN	300 V	300 V	600 V

LR	
mm ² /AWG/kcmil	4
Nominal current IN	20 A
Nominal voltage UN	400 V

GL	
Nominal current IN	20 A
Nominal voltage UN	400 V

DNV

EAC

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Approvals

cULus Recognized 

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

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

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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Accessories

Additional products

Printed-circuit board connector - PC 4/11-STF-7,62 - 1828333



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

Printed-circuit board connector - PC 5/11-STF1-7,62 - 1777927



Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 11, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - SPC 5/11-STF-7,62 - 1996210



Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 11, Pitch: 7.62 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

Printed-circuit board connector - TSPC 5/11-STF-7,62 - 1728293

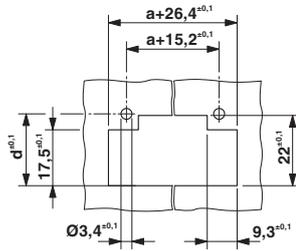


Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 11, Pitch: 7.62 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

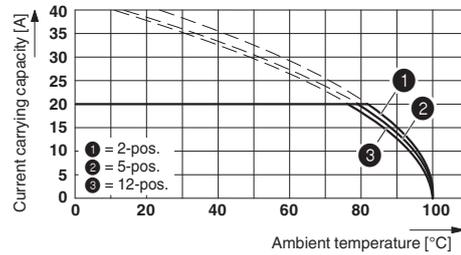
Drawings

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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 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

Dimensioned drawing

