

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

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)
- 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	50 pc
GTIN	 4 017918 111762
Weight per Piece (excluding packing)	32.2 g
Custom tariff number	85366990
Country of origin	Poland

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

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Technical data

General

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	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 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
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	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

Approvals

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

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

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Approvals

	B	C
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

GOST

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

GOST

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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 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, 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/ 8-STF-7,62 - 1828304



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

Printed-circuit board connector - PC 5/ 8-STF1-7,62 - 1777891



Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 8, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - SPC 5/ 8-STF-7,62 - 1996184



Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 8, Pitch: 7.62 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

Printed-circuit board connector - TSPC 5/ 8-STF-7,62 - 1728264

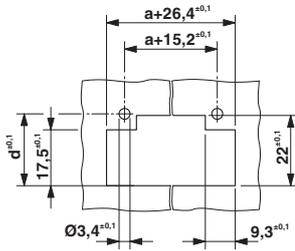


Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 8, Pitch: 7.62 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

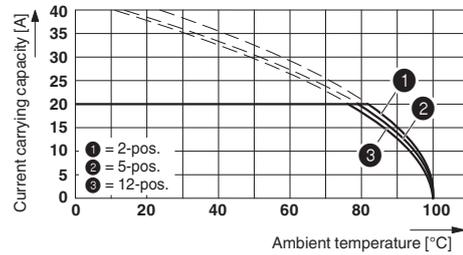
Drawings

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

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

