

https://www.phoenixcontact.com/cn/products/1840557



Header - DFK-PC 4/ 2-GF-7,62 - 1840557

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


The figure shows a 5-pos. version of the product

Why buy this product

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors
- Screwable flange for superior mechanical stability
- Flexible side panels enable convenient wall mounting prewired from the inside



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 111700
GTIN	4017918111700
Custom tariff number	8536909000
Sales Key	AABBDA

Technical data

Dimensions

Length	32 mm
Height	30.5 mm
Width	36.86 mm
Pitch	7.62 mm
Dimension a	7.62 mm

General

Range of articles	DFK-PC 4/..-GF
Type of contact	Male connector

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Technical data

General

Number of positions	2
Connection method	Screw connection with tension sleeve
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
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
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

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Connection data

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

Standards and Regulations

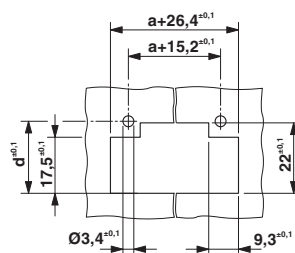
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

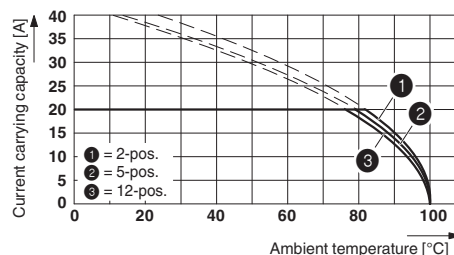
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing



Diagram



Dimension d depending on the wall thickness (W) in mm: W=1: d=21.4 Derating curve for: PC 4/...-ST-7,62 with DFK-PC 4/...-GF-7,62

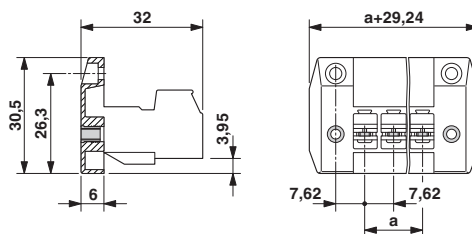
W=2: d=21.9

W=3: d=22.5

W=4: d=23.1

W=5: d=23.7

Dimensional drawing



Approvals

Approvals

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Approvals


Approvals


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

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
		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		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425	
		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		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425	
		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		http://www.lr.org/en	96/20012
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DNV		http://exchange.dnv.com/tari/	E-9231
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Approvals

EAC		B.01742
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DNV GL	https://www.dnvgl.com/	TAE00001EZ
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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