Feed-through header - DFK-PC 4/ 7-GF-7,62 - 1840609

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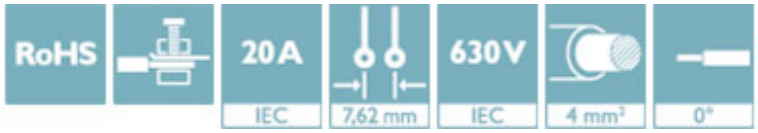
The figure shows a 5-pos. version of the product

Feed-through header, nominal current: 20 A, rated voltage (III/2): 630 V, number of positions: 7, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, mounting: Direct mounting

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 111755
GTIN	4017918111755

Technical data

Dimensions

Length [l]	32 mm
Width [w]	74.96 mm
Height [h]	30.5 mm
Pitch	7.62 mm
Dimension a	45.72 mm

General

Range of articles	DFK-PC 4/..-GF
Type of contact	Male connector
Number of positions	7
Connection method	Screw connection with tension sleeve

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Technical data

General

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 mm²
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 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	4 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	2.5 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	2.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.2 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm²

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Technical data

Connection data

Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	10

Standards and Regulations

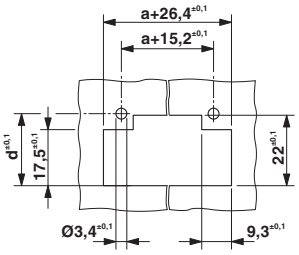
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

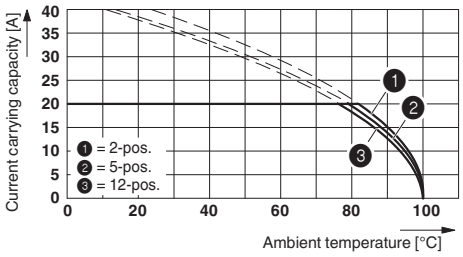
Drawings

Dimensional drawing



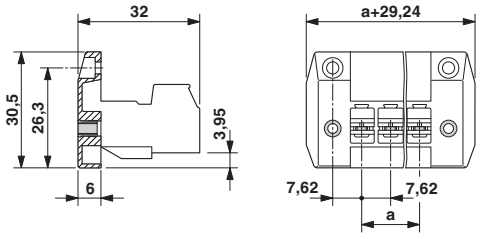
Dimension d depending on the wall thickness (W) in mm: W=1: d=21.4
W=2: d=21.9
W=3: d=22.5
W=4: d=23.1
W=5: d=23.7

Diagram



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

Dimensional drawing



Approvals

Approvals

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Approvals

Approvals

CSA / LR / EAC / DNV GL / cULus Recognized

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631

	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	20 A	20 A
mm²/AWG/kcmil	28-10	28-10

LR		http://www.lr.org/en	96/20012

EAC			B.01742

DNV GL	http://exchange.dnv.com/tari/	TAE00001EZ

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19920722

	D	B	C
Nominal voltage UN	600 V	300 V	300 V
Nominal current IN	5 A	35 A	35 A
mm²/AWG/kcmil	30-10	30-10	30-10

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
http://www.phoenixcontact.com