

Printed-circuit board connector - DFK-PC 5/ 4-STF-7,62 - 1716632

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Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Why buy this product

- ✓ Feed-through headers for use in combination with PC 5 plugs
- ✓ Panel thickness of 1 mm to 3 mm
- ✓ Mounted on the housing panel by means of tool-free snap-lock mechanism or conventional screw connection
- ✓ Screw connection for direct wiring on the inside of the device



Key commercial data

Packing unit	0
Minimum order quantity	10
Catalog page	Page 455 (CC-2011)
GTIN	 4 046356 137256
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

Dimensions / positions

Pitch	7.62 mm
Dimension a	22.86 mm
Number of positions	4
Screw thread	M3
Tightening torque, min	0.7 Nm
Tightening torque max	0.8 Nm

Technical data

Range of articles	DFK-PC 5/...-STF
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV

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Technical data

Technical data

Rated surge voltage (II/2)	6 kV
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	41 A
Nominal voltage U _N	1000 V
Nominal cross section	6 mm ²
Maximum load current	41 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	10 mm
Nominal voltage, UL/CUL Use Group B	600 V
Nominal current, UL/CUL Use Group B	41 A
Nominal voltage, UL/CUL Use Group C	600 V
Nominal current, UL/CUL Use Group C	41 A

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	6 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.	6 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.	4 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 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.	0.25 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	24
Maximum AWG according to UL/CUL	8

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Classifications

eclass

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

etim

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

unspsc

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 		
	B	C
mm²/AWG/kcmil	24-8	24-8
Nominal current I _N	41 A	41 A
Nominal voltage U _N	600 V	600 V

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Approvals

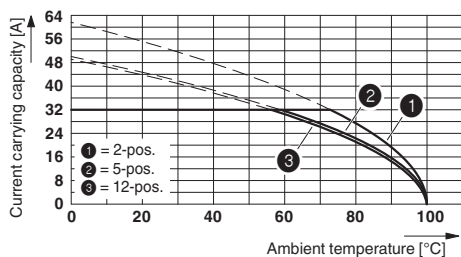
cUL Recognized 		
	B	C
mm ² /AWG/kcmil	24-8	24-8
Nominal current I _N	41 A	41 A
Nominal voltage U _N	600 V	600 V

GOST 
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cULus Recognized 
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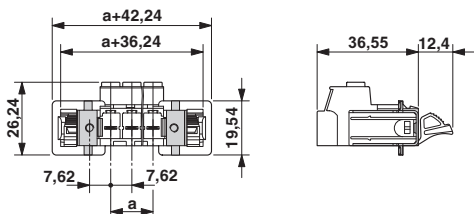
Drawings

Diagram

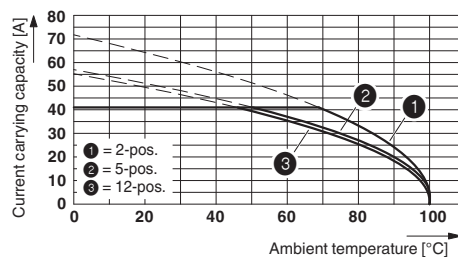


Derating curve for: DFK-PC 5/...-ST-7,62 with PC 5/...-ST-7,62
Conductor cross section = 6 mm²

Dimensioned drawing

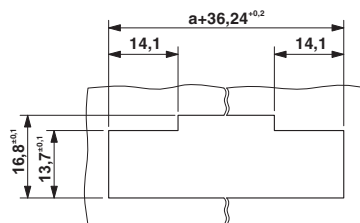


Diagram



Derating curve for: DFK-PC 5/...-ST-7,62 with PC 5/...-ST-7,62
Conductor cross section = 10 mm²

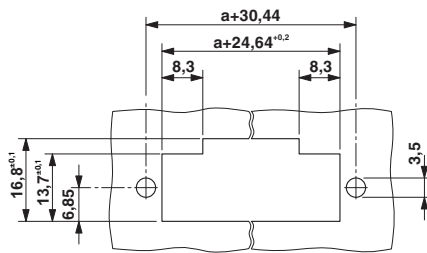
Dimensioned drawing



Sheet metal cutout for snap-on.

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Dimensioned drawing



Sheet metal cutout for screw connection.

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