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Printed-circuit board connector - IPC 5/ 4-STF-SH-7,62 - 1709380

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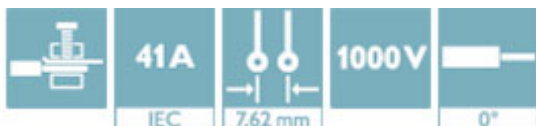


Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 7.62 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

The figure shows a 4-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
- Inverted connector with pin contacts for touch-proof device outputs or free-hanging cable/cable connections
- Shield for adherence to the EMC requirements and an optional strain relief
- Screwable flange for superior mechanical stability
- 600 V UL approval in the smallest of dimensions



Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 075800

Technical data

Dimensions

Pitch	7.62 mm
Dimension a	22.86 mm

General

Range of articles	IPC 5/...-STF-SH
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV

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Technical data

General

Rated voltage (III/3)	1000 V
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 cross section	6 mm ²
Maximum load current	41 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	10 mm
Number of positions	4
Screw thread	M3
Tightening torque, min	0.7 Nm
Tightening torque max	0.8 Nm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	6 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.	6 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.	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

Standards and Regulations

Connection in acc. with standard	EN-VDE
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Technical data

Standards and Regulations

	CUL
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440309

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 / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

Printed-circuit board connector - IPC 5/ 4-STF-SH-7,62 - 1709380

Approvals

UL 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

cUL Recognized

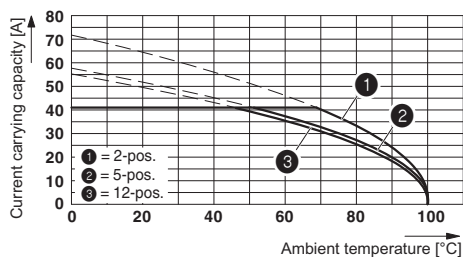
	B	C
mm ² /AWG/kcmil	24-8	24-8
Nominal current I _N	41 A	41 A
Nominal voltage U _N	600 V	600 V

EAC

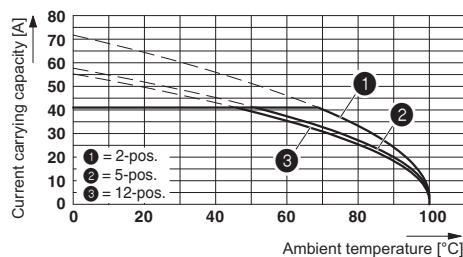
cULus Recognized

Drawings

Diagram

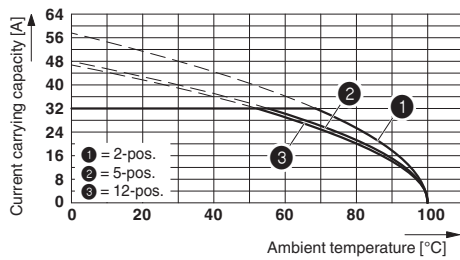


Diagram

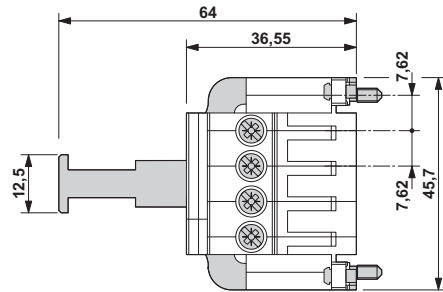


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Diagram



Dimensional drawing



Derating curve for: IPC 5/...-ST-7,62 with IPC 5/....-G-7,62
Conductor cross section 6 mm²

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Product	Code	Reference	Product link
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	1709380	IPC 5/ 4-STF-SH-7,62	Buy on EAN