Printed-circuit board connector - PC 35 HC/ 3-STF-15,00 - 1762602

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Plug component, Nominal current: 125 A, Rated voltage (III/2): 1000 V, Number of positions: 3, Pitch: 15 mm, Connection method: Screw connection, Color: green, Contact surface: Silver

Product Features

- Low insertion and withdrawal forces for user-friendly device connection
- High-capacity plugs with a current carrying capacity of up to 125 A and a connection capacity of 35 mm², solid
- Unlimited 600 V UL approval
- Standard with screw flange for reliable connection even in applications subject to vibration
- Maximum contact reliability due to integrated double steel spring

Key commercial data

package_quantity	25
GTIN	4046356441223

Technical data

Dimensions

Length	50.3 mm
Height	40 mm
Pitch	15 mm
Dimension a	30 mm

General

Range of articles	PC 35 HC/..-STF
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV
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	125 A
Nominal cross section	35 mm²
Maximum load current	125 A
Insulating material	PA

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Technical data

General

Inflammability class according to UL 94	V0
Stripping length	20 mm
Number of positions	3
Screw thread	M5
Tightening torque, min	2.5 Nm
Tightening torque max	4.5 Nm

Connection data

Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	35 mm²
Conductor cross section stranded min.	0.5 mm²
Conductor cross section stranded max.	35 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	1 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	35 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	1.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	35 mm²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	2
2 conductors with same cross section, solid min.	0.5 mm²
2 conductors with same cross section, solid max.	6 mm²
2 conductors with same cross section, stranded min.	0.5 mm²
2 conductors with same cross section, stranded max.	6 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	4 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.	6 mm²
Minimum AWG according to UL/CUL	16
Maximum AWG according to UL/CUL	2

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

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classifications

eCl@ss

eCl@ss 7.0	27440402
eCl@ss 8.0	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

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized /

Approval details

UL Recognized

Usegroups	**B**	**C**	
Nominal voltage UN	600 V	600 V	600 V
Nominal current IN	115 A	115 A	20 A
mm²/AWG/kcmil	16-2	16-2	16-12

cUL Recognized

Usegroups	**B**	**C**	
Nominal voltage UN	600 V	600 V	600 V
Nominal current IN	105 A	105 A	20 A
mm²/AWG/kcmil	16-2	16-2	16-12

GOST

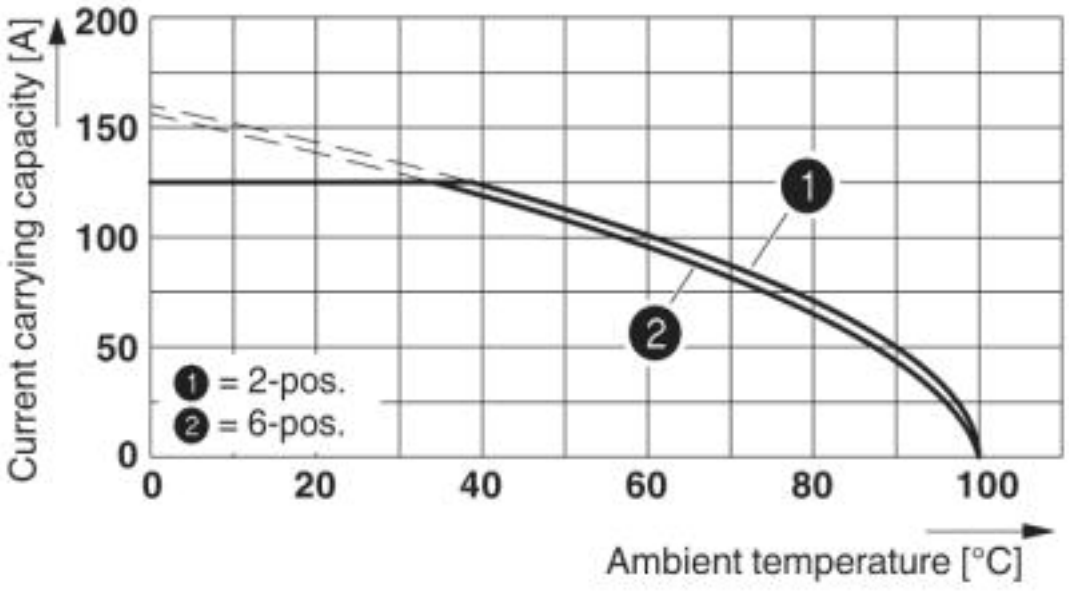
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approvals

cULus Recognized

Drawings

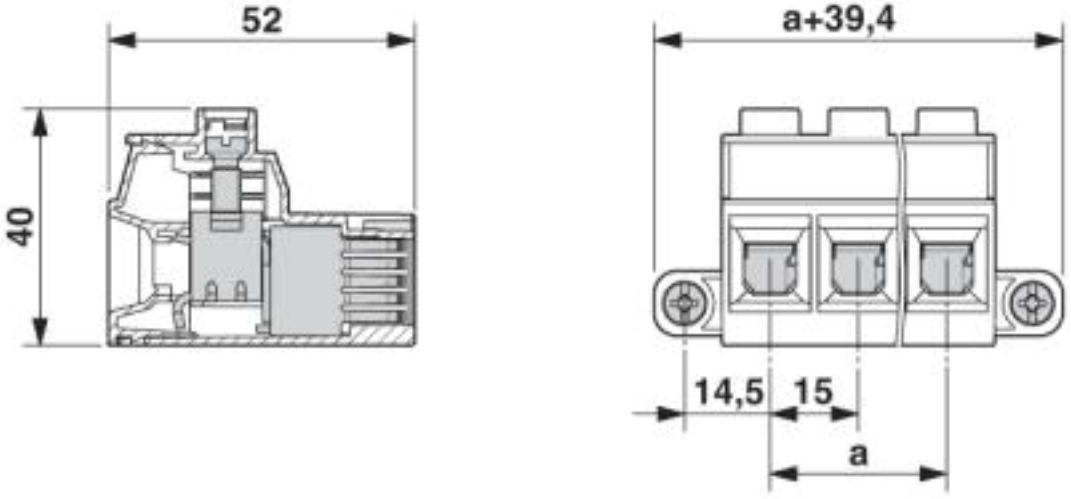
Diagram



Type: PC 35 HC/...-STF-15,00 with PC 35 HC/...-GF-15,00

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Dimensioned drawing



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