

Printed-circuit board connector - PC 35 HC/ 2-STF-15,00 - 1762592

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Plug component, Nominal current: 125 A, Rated voltage (III/2): 1000 V, Number of positions: 2, 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	4046356441216

Technical data

Dimensions

Length	50.3 mm
Height	40 mm
Pitch	15 mm
Dimension a	15 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)	6 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 mm ²
Maximum load current	125 A
Insulating material	PA

Printed-circuit board connector - PC 35 HC/ 2-STF-15,00 - 1762592

Technical data

General

Inflammability class according to UL 94	V0
Stripping length	20 mm
Number of positions	2
Screw thread	M5
Tightening torque, min	2.5 Nm
Tightening torque max	4.5 Nm

Connection data

Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	35 mm ²
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	35 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	1 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	35 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	35 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	2
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	6 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	6 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	4 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm ²
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

Printed-circuit board connector - PC 35 HC/ 2-STF-15,00 - 1762592

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

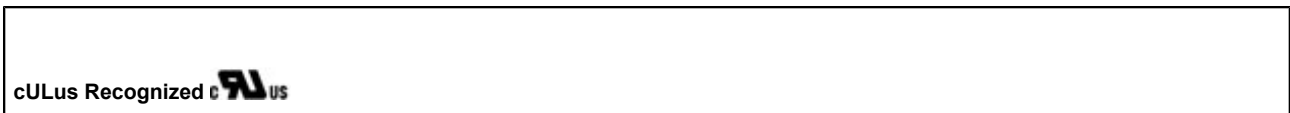
UL Recognized			
Usegroups	B	C	
Nominal voltage UN	600 V	600 V	600 V
Nominal current IN	115 A	115 A	20 A
mm ² /AWG/kcmil	16-2	16-2	16-12

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

GOST			
-------------	--	--	--

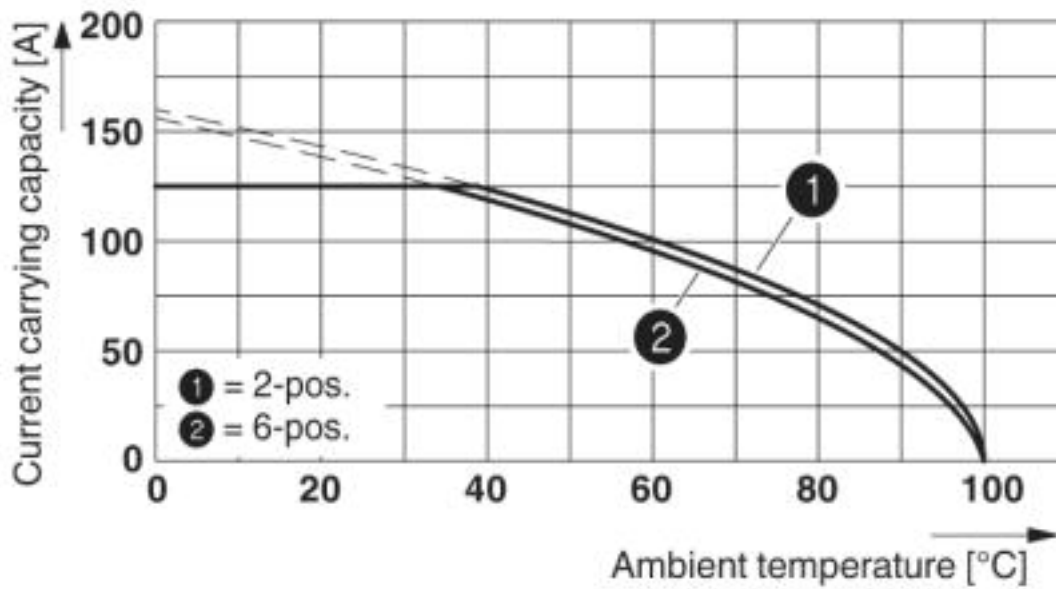
Printed-circuit board connector - PC 35 HC/ 2-STF-15,00 - 1762592

approvals



Drawings

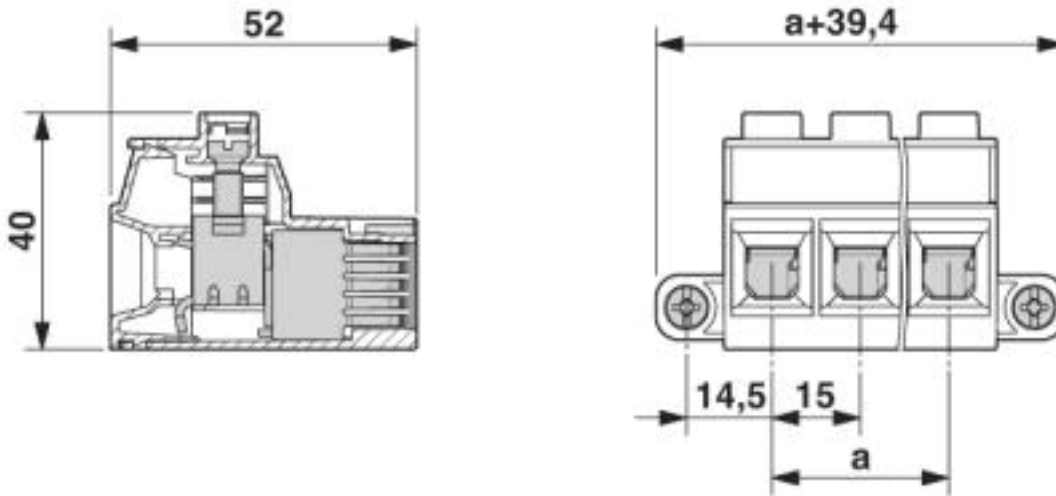
Diagram



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

Printed-circuit board connector - PC 35 HC/ 2-STF-15,00 - 1762592

Dimensioned drawing



© Phoenix Contact 2013 - all rights reserved
<http://www.phoenixcontact.com>