

# 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



## Why buy this product

- 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 mm<sup>2</sup>, 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

Packing unit	0
Minimum order quantity	1
Catalog page	Page 492 (CC-2011)
GTIN	 4 046356 441216
Custom tariff number	85366990
Country of origin	GERMANY

## Technical data

### Dimensions / positions

Length	50.3 mm
Height	40 mm
Pitch	15 mm
Dimension a	15 mm
Number of positions	2
Screw thread	M5
Tightening torque, min	2.5 Nm
Tightening torque max	4.5 Nm

### Technical data

Range of articles	PC 35 HC/...STF
-------------------	-----------------

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

## Technical data

### Technical data

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/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	125 A
Nominal voltage U <sub>N</sub>	1000 V
Nominal cross section	35 mm <sup>2</sup>
Maximum load current	125 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	20 mm
Nominal voltage, UL/CUL Use Group B	600 V
Nominal current, UL/CUL Use Group B	115 A
Nominal voltage, UL/CUL Use Group C	600 V
Nominal current, UL/CUL Use Group C	115 A

### Connection data

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

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

## Technical data

### Connection data

Minimum AWG according to UL/CUL	16
Maximum AWG according to UL/CUL	2

## Classifications

### eclass

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

### 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

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

## Approvals

UL Recognized

		B	C
mm <sup>2</sup> /AWG/kcmil	16-12	16-2	16-2
Nominal current I <sub>N</sub>	20 A	115 A	115 A
Nominal voltage U <sub>N</sub>	600 V	600 V	600 V

cUL Recognized

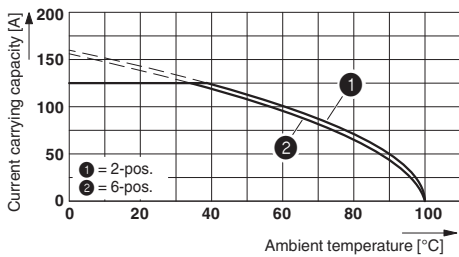
		B	C
mm <sup>2</sup> /AWG/kcmil	16-12	16-2	16-2
Nominal current I <sub>N</sub>	20 A	105 A	105 A
Nominal voltage U <sub>N</sub>	600 V	600 V	600 V

GOST

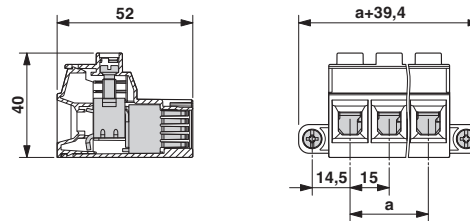
cULus Recognized

## Drawings

Diagram



Dimensioned drawing



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