



Printed-circuit board connector - PC 35 HC/ 4-STF-SH-15,00 - 1762848



Plug component, nominal current: 125 A, rated voltage (III/2): 1000 V, number of positions: 4, pitch: 15 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

Delivery time on request

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Drawings

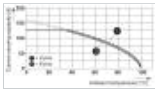


Diagram  
Type: PC 35 HC/...-STF-15,00 with PC 35 HC/...-GF-15,00



Dimensional drawing

Dimensions

|             |          |
|-------------|----------|
| Length      | 50.3 mm  |
| Height      | 42.5 mm  |
| Pitch       | 15 mm    |
| Dimension a | 45.00 mm |

General

|                             |                                      |
|-----------------------------|--------------------------------------|
| Range of articles           | PC 35 HC/..-STF-SH                   |
| Type of contact             | Female connector                     |
| Number of positions         | 4                                    |
| Connection method           | Screw connection with tension sleeve |
| Insulating material group   | I                                    |
| Rated surge voltage (III/3) | 8 kV                                 |

|                                               |                                                                                  |
|-----------------------------------------------|----------------------------------------------------------------------------------|
| <b>Rated surge voltage (III/2)</b>            | 8 kV                                                                             |
| <b>Rated surge voltage (II/2)</b>             | 8 kV                                                                             |
| <b>Rated voltage (III/3)</b>                  | 1000 V                                                                           |
| <b>Rated voltage (III/2)</b>                  | 1000 V                                                                           |
| <b>Rated voltage (II/2)</b>                   | 1000 V                                                                           |
| <b>Connection in acc. with standard</b>       | EN-VDE                                                                           |
| <b>Nominal current I<sub>N</sub></b>          | 125 A                                                                            |
| <b>Nominal cross section</b>                  | 35 mm <sup>2</sup>                                                               |
| <b>Maximum load current</b>                   | 125 A                                                                            |
| <b>Insulating material</b>                    | PA                                                                               |
| <b>Flammability rating according to UL 94</b> | V0                                                                               |
| <b>Stripping length</b>                       | 20 mm                                                                            |
| <b>Screw thread</b>                           | M5                                                                               |
| <b>Tightening torque, min</b>                 | 2.5 Nm                                                                           |
| <b>Tightening torque max</b>                  | 4.5 Nm                                                                           |
| <b>Note</b>                                   | Tightening torque ≤ 25 mm <sup>2</sup> is 2.5 Nm, > 25 mm <sup>2</sup> is 4.5 Nm |

## Connection data

|                                                                                                |                     |
|------------------------------------------------------------------------------------------------|---------------------|
| <b>Conductor cross section solid min.</b>                                                      | 0.5 mm <sup>2</sup> |
| <b>Conductor cross section solid max.</b>                                                      | 35 mm <sup>2</sup>  |
| <b>Conductor cross section flexible min.</b>                                                   | 0.5 mm <sup>2</sup> |
| <b>Conductor cross section flexible max.</b>                                                   | 35 mm <sup>2</sup>  |
| <b>Conductor cross section flexible, with ferrule without plastic sleeve min.</b>              | 1 mm <sup>2</sup>   |
| <b>Conductor cross section flexible, with ferrule without plastic sleeve max.</b>              | 35 mm <sup>2</sup>  |
| <b>Conductor cross section flexible, with ferrule with plastic sleeve min.</b>                 | 1.5 mm <sup>2</sup> |
| <b>Conductor cross section flexible, with ferrule with plastic sleeve max.</b>                 | 35 mm <sup>2</sup>  |
| <b>Conductor cross section AWG min.</b>                                                        | 20                  |
| <b>Conductor cross section AWG max.</b>                                                        | 2                   |
| <b>2 conductors with same cross section, solid min.</b>                                        | 0.5 mm <sup>2</sup> |
| <b>2 conductors with same cross section, solid max.</b>                                        | 6 mm <sup>2</sup>   |
| <b>2 conductors with same cross section, stranded min.</b>                                     | 0.5 mm <sup>2</sup> |
| <b>2 conductors with same cross section, stranded max.</b>                                     | 6 mm <sup>2</sup>   |
| <b>2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.</b>   | 0.5 mm <sup>2</sup> |
| <b>2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.</b>   | 4 mm <sup>2</sup>   |
| <b>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.</b> | 0.5 mm <sup>2</sup> |
| <b>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.</b> | 6 mm <sup>2</sup>   |
| <b>Minimum AWG according to UL/CUL</b>                                                         | 16                  |

|                                        |   |
|----------------------------------------|---|
| <b>Maximum AWG according to UL/CUL</b> | 2 |
|----------------------------------------|---|

## Standards and Regulations

|                                               |        |
|-----------------------------------------------|--------|
| <b>Connection in acc. with standard</b>       | EN-VDE |
|                                               | CUL    |
| <b>Flammability rating according to UL 94</b> | V0     |

## Environmental Product Compliance

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| <b>China RoHS</b> | Environmentally friendly use period: unlimited = EFUP-e |
|                   | No hazardous substances above threshold values          |

## Classifications

### eCl@ss

|                   |          |
|-------------------|----------|
| <b>eCl@ss 4.0</b> | 272607xx |
| <b>eCl@ss 4.1</b> | 27260701 |
| <b>eCl@ss 5.0</b> | 27260701 |
| <b>eCl@ss 5.1</b> | 27260701 |
| <b>eCl@ss 6.0</b> | 27260704 |
| <b>eCl@ss 7.0</b> | 27440402 |
| <b>eCl@ss 8.0</b> | 27440309 |
| <b>eCl@ss 9.0</b> | 27440309 |

### ETIM

|                 |          |
|-----------------|----------|
| <b>ETIM 3.0</b> | EC001121 |
| <b>ETIM 4.0</b> | EC002637 |
| <b>ETIM 5.0</b> | EC002637 |
| <b>ETIM 6.0</b> | EC002637 |

### UNSPSC

|                      |          |
|----------------------|----------|
| <b>UNSPSC 6.01</b>   | 30211810 |
| <b>UNSPSC 7.0901</b> | 39121409 |
| <b>UNSPSC 11</b>     | 39121409 |
| <b>UNSPSC 12.01</b>  | 39121409 |
| <b>UNSPSC 13.2</b>   | 39121409 |

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