

Printed-circuit board connector - PC 35 HC/ 4-STF-15,00BD:U-ERDE - 1702575

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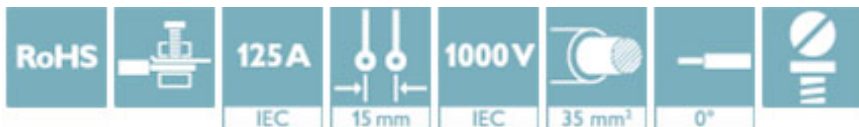
PCB connector, nominal current: 125 A, rated voltage (III/2): 1000 V, number of positions: 4, pitch: 15 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver



The figure shows a 5-pos. version of the product

Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ Allows connection of two conductors
- ✓ Integrated double steel spring provides additional safety in the event of temperature and power fluctuations
- ✓ Screwable flange for superior mechanical stability
- ✓ Integrated protective guide prevents incorrect insertion of the conductor underneath the tension sleeve



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 25 pc |
| GTIN | |
| GTIN | 4046356591959 |

Technical data

Dimensions

| | |
|--------------|---------|
| Length [l] | 52 mm |
| Width [w] | 84.4 mm |
| Height [h] | 40 mm |
| Pitch | 15 mm |
| Dimension a | 45 mm |

General

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

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Technical data

General

| | |
|--|---|
| Number of positions | 4 |
| Connection method | Screw connection with tension sleeve |
| 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 |
| Flammability rating according to UL 94 | V0 |
| Stripping length | 20 mm |
| Screw thread | M5 |
| Tightening torque, min | 2.5 Nm |
| Tightening torque max | 4.5 Nm |
| Note | Tightening torque $\leq 25 \text{ mm}^2$ is 2.5 Nm, $> 25 \text{ mm}^2$ is 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 flexible min. | 0.5 mm ² |
| Conductor cross section flexible max. | 35 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 1 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 35 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 35 mm ² |
| Conductor cross section AWG min. | 20 |
| Conductor cross section AWG 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 |

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Technical data

Connection data

| | |
|---|---------------------|
| 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 |

Standards and Regulations

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

Environmental Product Compliance

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

Approvals

Approvals


Approvals

EAC / cULus Recognized

Ex Approvals

Approval details

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

| | | | |
|----------------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-20101007 |
| | B | C | |
| Nominal voltage UN | 600 V | 600 V | |
| Nominal current IN | 115 A | 115 A | |
| mm ² /AWG/kcmil | 16-2 | 16-2 | |

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