

PC 6/ 3-STF-10,16 BD:1-3 - 1709693

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PCB connector, nominal current: 41 A, number of positions: 3, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver




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

Why buy this product

- 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 | 50 STK |
| GTIN |  4 055626 083315 |
| GTIN | 4055626083315 |

Technical data

Dimensions

| | |
|--------------|----------|
| Length [l] | 39 mm |
| Width [w] | 48.24 mm |
| Height [h] | 27.55 mm |
| Pitch | 10.16 mm |
| Dimension a | 20.32 mm |

General

| | |
|---------------------|------------------|
| Range of articles | PC 6/..-STF |
| Type of contact | Female connector |
| Number of positions | 3 |

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Technical data

General

| | |
|----------------------------------|--------------------------------------|
| Connection method | Screw connection with tension sleeve |
| Rated voltage (III/3) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 41 A |
| Nominal cross section | 6 mm ² |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.75 mm ² |
| Conductor cross section solid max. | 10 mm ² |
| Conductor cross section flexible min. | 0.75 mm ² |
| Conductor cross section flexible max. | 6 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 6 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 6 mm ² |
| Conductor cross section AWG min. | 18 |
| Conductor cross section AWG max. | 8 |
| 2 conductors with same cross section, solid min. | 0.75 mm ² |
| 2 conductors with same cross section, solid max. | 4 mm ² |
| 2 conductors with same cross section, stranded min. | 0.75 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. | 2.5 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. | 4 mm ² |

Standards and Regulations

| | |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|----------------------------------|--------|

Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Approvals

Approvals

PC 6/ 3-STF-10,16 BD:1-3 - 1709693

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 | E60425-20010727 |
| | B | C | |
| Nominal voltage UN | 600 V | 600 V | |
| Nominal current IN | 50 A | 50 A | |
| mm ² /AWG/kcmil | 20-8 | 20-8 | |

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