

PC 5/ 3-ST1-7,62 GY BD:L1-L3 - 1706801

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PCB connector, nominal current: 41 A, number of positions: 3, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, color: gray, contact surface: Tin


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
- ✓ 600 V UL approval in the smallest of dimensions



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 pc |
| GTIN |  4 046356 880855 |
| GTIN | 4046356880855 |

Technical data

Dimensions

| | |
|--------------|----------|
| Length [l] | 35.25 mm |
| Width [w] | 22.81 mm |
| Height [h] | 19.7 mm |
| Pitch | 7.62 mm |
| Dimension a | 15.24 mm |

General

| | |
|-----------------------|--------------------------------------|
| Range of articles | PC 5/...ST1 |
| Number of positions | 3 |
| Connection method | Screw connection with tension sleeve |
| Rated voltage (III/3) | 1000 V |

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Technical data

General

| | |
|--------------------------------|--|
| Nominal current I _N | 41 A |
| Nominal cross section | 6 mm ² |
| Note | Tightening torque ≤ 4 mm ² is 0.5 Nm to 0.6 Nm, > 4 mm ² is 0.7 Nm to 0.8 Nm |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 10 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 6 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 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. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 4 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 10 |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 4 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm ² |

Environmental Product Compliance

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

Approvals

Approvals

Approvals


EAC / cULus Recognized


Ex Approvals

PC 5/ 3-ST1-7,62 GY BD:L1-L3 - 1706801

Approvals

Approval details

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

| | | | |
|----------------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-19920722 |
| | B | C | |
| Nominal voltage UN | 600 V | 600 V | |
| Nominal current IN | 41 A | 41 A | |
| mm ² /AWG/kcmil | 24-8 | 24-8 | |

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