

## Printed-circuit board connector - PC 4/ 2-ST-7,62 BK - 1859917

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PCB connector, nominal current: 20 A, number of positions: 2, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, color: black, 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



### Key Commercial Data

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Packing unit | 50 pc                                                                                |
| GTIN         |  |
| GTIN         | 4017918226800                                                                        |

### Technical data

#### Dimensions

|              |          |
|--------------|----------|
| Length [ l ] | 30.7 mm  |
| Width [ w ]  | 15.22 mm |
| Height [ h ] | 18.1 mm  |
| Pitch        | 7.62 mm  |
| Dimension a  | 7.62 mm  |

#### General

|                                  |                                      |
|----------------------------------|--------------------------------------|
| Range of articles                | PC 4/...-ST                          |
| Number of positions              | 2                                    |
| Connection method                | Screw connection with tension sleeve |
| Rated voltage (III/3)            | 400 V                                |
| Connection in acc. with standard | EN-VDE                               |

# Printed-circuit board connector - PC 4/ 2-ST-7,62 BK - 1859917

## Technical data

### General

|                       |                   |
|-----------------------|-------------------|
| Nominal current $I_N$ | 20 A              |
| Nominal cross section | 4 mm <sup>2</sup> |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                                      | 4 mm <sup>2</sup>    |
| Conductor cross section flexible min.                                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.                                                   | 4 mm <sup>2</sup>    |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 4 mm <sup>2</sup>    |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 4 mm <sup>2</sup>    |
| Conductor cross section AWG min.                                                        | 24                   |
| Conductor cross section AWG max.                                                        | 10                   |
| 2 conductors with same cross section, solid min.                                        | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                                        | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1.5 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. | 2.5 mm <sup>2</sup>  |
| Minimum AWG according to UL/CUL                                                         | 30                   |
| Maximum AWG according to UL/CUL                                                         | 10                   |

### Standards and Regulations

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

### 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

## Printed-circuit board connector - PC 4/ 2-ST-7,62 BK - 1859917

### Approvals

#### Approvals

CSA / RS / BV / EAC / cULus Recognized

#### Ex Approvals

#### Approval details

|                    |                                                                                   |                                                                                                                                         |       |
|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|
| CSA                |  | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | 13631 |
|                    | B                                                                                 | C                                                                                                                                       |       |
| Nominal voltage UN | 300 V                                                                             | 300 V                                                                                                                                   |       |
| Nominal current IN | 20 A                                                                              | 20 A                                                                                                                                    |       |
| mm²/AWG/kcmil      | 28-10                                                                             | 28-10                                                                                                                                   |       |

|    |                                                                                     |                                                                                             |              |
|----|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------|
| RS |  | <a href="http://www.rs-head.spb.ru/en/index.php">http://www.rs-head.spb.ru/en/index.php</a> | 17.00014.272 |
|----|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------|

|    |                                                                                     |                                                                                                                                                                                                                               |             |
|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| BV |  | <a href="http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials">http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials</a> | 35433/AO BV |
|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|

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

|                    |                                                                                     |                                                                                                                                                       |                 |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| cULus Recognized   |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E60425-19920722 |
|                    | D                                                                                   | B                                                                                                                                                     | C               |
| Nominal voltage UN | 600 V                                                                               | 300 V                                                                                                                                                 | 300 V           |
| Nominal current IN | 5 A                                                                                 | 30 A                                                                                                                                                  | 30 A            |
| mm²/AWG/kcmil      | 30-10                                                                               | 30-10                                                                                                                                                 | 30-10           |

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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