

# Printed-circuit board connector - PCU 6/ 9-STD-10,16 BD:L1-W/ T3 - 1703664

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Direct plug-in block, nominal current: 41 A, number of positions: 9, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, 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
- ✓ Laterally mounted flange for screw connection in the housing or on the mounting plate



## Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 50 pc   |
| GTIN         | <br>4 046356 660594 |
| GTIN         | 4046356660594   |

## Technical data

### Dimensions

|             |          |
|-------------|----------|
| Pitch       | 10.16 mm |
| Dimension a | 81.28 mm |

### General

|                                  |                                      |
|----------------------------------|--------------------------------------|
| Range of articles                | PCU 6/...-STD                        |
| Number of positions              | 9                                    |
| Connection method                | Screw connection with tension sleeve |
| Rated voltage (III/3)            | 1000 V                               |
| Connection in acc. with standard | EN-VDE                               |

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## Technical data

### General

|                       |                   |
|-----------------------|-------------------|
| Nominal current $I_N$ | 41 A              |
| Nominal cross section | 6 mm <sup>2</sup> |

### Connection data

|   |                     |
|---|---------------------|
| Conductor cross section solid min.  | 0.5 mm <sup>2</sup> |
| Conductor cross section solid max.  | 10 mm <sup>2</sup>  |
| Conductor cross section flexible min.   | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible max.   | 6 mm <sup>2</sup>   |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 6 mm <sup>2</sup>   |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 6 mm <sup>2</sup>   |
| Conductor cross section AWG min.  | 20                  |
| Conductor cross section AWG max.  | 7                   |
| 2 conductors with same cross section, solid min.  | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.  | 6 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded min.                                     | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 6 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 2.5 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. | 4 mm <sup>2</sup>   |

### Standards and Regulations

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

### 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 - PCU 6/ 9-STD-10,16 BD:L1-W/ T3 - 1703664

## Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

## Approval details

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

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