

# Printed-circuit board connector - SPC 5/ 2-STCL-7,62 BD:RB,RB - 1703169

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PCB connector, nominal current: 41 A, number of positions: 2, pitch: 7.62 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



## Key Commercial Data

|              |                                                                                    |
|--------------|------------------------------------------------------------------------------------|
| Packing unit | 50 pc                                                                              |
| GTIN         |  |
| GTIN         | 4046356641432                                                                      |

## Technical data

### Dimensions

|             |         |
|-------------|---------|
| Pitch       | 7.62 mm |
| Dimension a | 7.62 mm |

### General

|                                  |                           |
|----------------------------------|---------------------------|
| Range of articles                | SPC 5/..-STCL             |
| Number of positions              | 2                         |
| Connection method                | Push-in spring connection |
| Rated voltage (III/3)            | 1000 V                    |
| Connection in acc. with standard | EN-VDE                    |
| Nominal current $I_N$            | 41 A                      |
| Nominal cross section            | 6 mm²                     |

### Connection data

|                                                                            |          |
|----------------------------------------------------------------------------|----------|
| Conductor cross section solid min.                                         | 0.2 mm²  |
| Conductor cross section solid max.                                         | 10 mm²   |
| Conductor cross section flexible min.                                      | 0.2 mm²  |
| Conductor cross section flexible max.                                      | 6 mm²    |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 6 mm²    |
| Conductor cross section flexible, with ferrule with plastic sleeve min.    | 0.25 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve max.    | 4 mm²    |
| Conductor cross section AWG min.                                           | 24       |

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## Technical data

### Connection data

|                                                                                         |          |
|-----------------------------------------------------------------------------------------|----------|
| Conductor cross section AWG max.                                                        | 8        |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.25 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm²  |

### Standards and Regulations

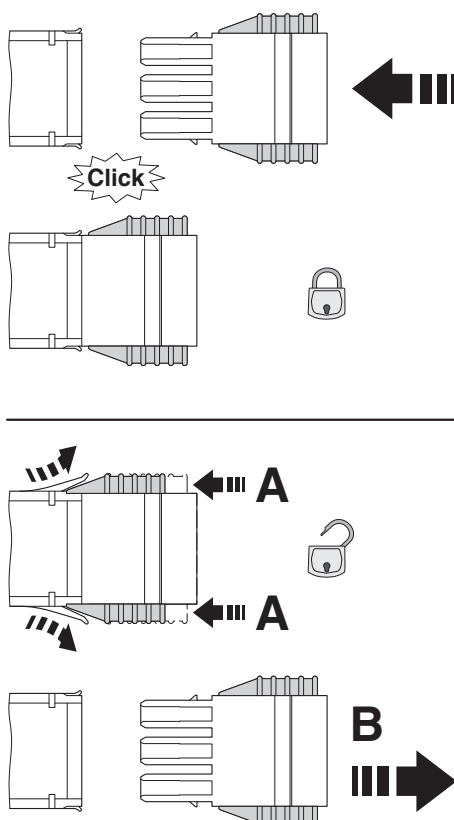
|                                  |        |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|----------------------------------|--------|

### Environmental Product Compliance

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

## Drawings

### Schematic diagram



Click and Lock system method of operation

## Printed-circuit board connector - SPC 5/ 2-STCL-7,62 BD:RB,RB - 1703169

### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

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#### Approval details

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

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