

# Printed-circuit board connector - SPC 5/ 2-STCL-7,62 BD:L-,L- - 1704562

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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         | <br>4 046356 728140 |
| GTIN         | 4046356728140   |

## Technical data

### Dimensions

|              |          |
|--------------|----------|
| Length [ l ] | 38.45 mm |
| Width [ w ]  | 23.24 mm |
| Height [ h ] | 19.8 mm  |
| 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 <sub>N</sub>   | 41 A                      |
| Nominal cross section            | 6 mm <sup>2</sup>         |

### Connection data

|  |                      |
|--|----------------------|
| Conductor cross section solid min.   | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.   | 10 mm <sup>2</sup>   |
| Conductor cross section flexible min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.                                      | 6 mm <sup>2</sup>    |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 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.    | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.    | 4 mm <sup>2</sup>    |

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## Technical data

### Connection data

|   |                      |
|---|----------------------|
| Conductor cross section AWG min.  | 24                   |
| Conductor cross section AWG max.  | 8                    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm <sup>2</sup>  |
| Minimum AWG according to UL/CUL   | 24                   |
| Maximum AWG according to UL/CUL   | 8                    |

### Standards and Regulations

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

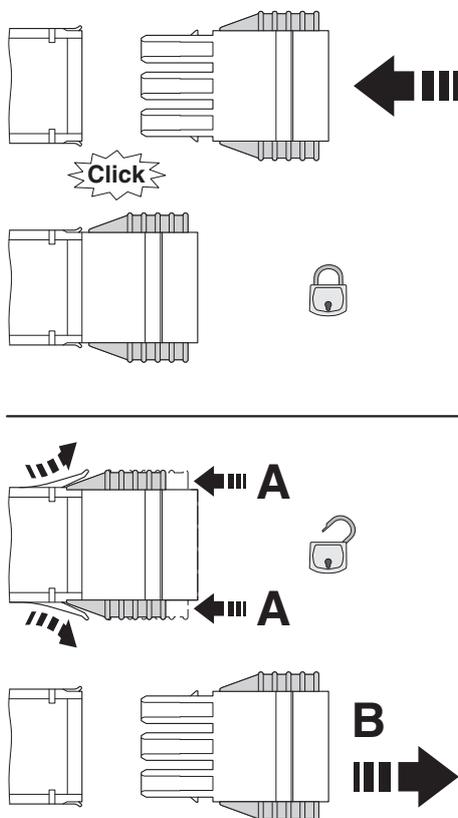
### Environmental Product Compliance

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

## Drawings

# Printed-circuit board connector - SPC 5/ 2-STCL-7,62 BD:L-,L- - 1704562

Schematic diagram



Click and Lock system method of operation

## Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

## Approval details

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

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## Approvals

|                            |   |   |
|----------------------------|---|---|
| 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 |
|                            | B   | C   |
| Nominal voltage UN         | 600 V   | 600 V   |
| Nominal current IN         | 35 A  | 35 A  |
| mm <sup>2</sup> /AWG/kcmil | 24-8  | 24-8  |

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