

## Technical Data // STL950/..G-5.0-H-GREEN

Spacing 5.0 mm



### Highlights

2 to 24 poles

Horizontal pin strip

Spacing 5.0 mm

Closed ends

### Wire Sizes

|                           |   |
|---------------------------|---|
| Solid min                 | - |
| Solid max                 | - |
| Stranded (flexible) min   | - |
| Stranded (flexible) max   | - |
| Stranded with ferrule min | - |
| Stranded with ferrule max | - |

### Dimensions

|                   |        |
|-------------------|--------|
| PCB hole diameter | 1.4 mm |
|-------------------|--------|

### Materials

|             |              |
|-------------|--------------|
| Contact pin | Copper Alloy |
|-------------|--------------|

### Insulating Material

|                    |           |
|--------------------|-----------|
| Material           | PA 6.6    |
| Flammability class | UL 94 V-0 |

### Temperatures

|  |                 |
|--|-----------------|
| Operating temperature (without mech. load) | -40 °C - 105 °C |
| Store temperature                          | -40 °C - 105 °C |

### Wave Soldering Process

|                                    |        |
|------------------------------------|--------|
| Soldering temperature, recommended | 260 °C |
| Peak soldering time, recommended   | 3-4 s  |

### Reflow Process

|                                    |   |
|------------------------------------|---|
| Soldering temperature, recommended | - |
| Peak soldering time, recommended   | - |

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### Colours

GREEN, RAL 6018

BLACK, RAL 9011

BASALT GREY, RAL 7012



PEBBLE GREY, RAL 7032

LIGHT GREY, RAL 7035

LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions.  
Special colours on request.

### Ratings

| UseGroup             | c  US |         |         |  |
|----------------------|--|---------|---------|---|
|                      | B  | C       | D       |   |
| Rated voltage        | 300 V  | 150 V   | 300 V   | 250 V   |
| Rated current        | 15 A   | 15 A    | 10 A    | 12 A  |
| Overtoltage category |  |         |         | III   |
| Test voltage         | 1.60 kV  | 1.30 kV | 1.60 kV | 4.0 kV  |
| Pollution degree     |  |         |         | 3   |


### Counterparts (Spacing 5.0 mm)

Terminal Block

AK950      AK955      AK1100      AK1110      AK1200      AK3950

In combination of connectors with different admission data, the lower value is valid.

### Accessoires

| Figure  | Designation                        | Article Number          |
|---|------------------------------------|-------------------------|
|  | Coding Star CS2-5.0/5.08-RED       | Order Data: 50000000024 |
|  | Separating Element SE-STL950-GREEN | Order Data: 50950000002 |

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**Order Data (Spacing 5.0 mm)**

| Number of Poles | Width (mm) | Article Designation    | Article Number | PU  |
|-----------------|------------|------------------------|----------------|-----|
| 2               | 11.20      | STL950/2G-5.0-H-GREEN  | 50950025001 F  | 200 |
| 3               | 16.20      | STL950/3G-5.0-H-GREEN  | 50950035001 F  | 200 |
| 4               | 21.20      | STL950/4G-5.0-H-GREEN  | 50950045001 F  | 200 |
| 5               | 26.20      | STL950/5G-5.0-H-GREEN  | 50950055001 E  | 100 |
| 6               | 31.20      | STL950/6G-5.0-H-GREEN  | 50950065001 E  | 100 |
| 7               | 36.20      | STL950/7G-5.0-H-GREEN  | 50950075001 E  | 100 |
| 8               | 41.20      | STL950/8G-5.0-H-GREEN  | 50950085001 D  | 50  |
| 9               | 46.20      | STL950/9G-5.0-H-GREEN  | 50950095001 D  | 50  |
| 10              | 51.20      | STL950/10G-5.0-H-GREEN | 50950105001 D  | 50  |
| 11              | 56.20      | STL950/11G-5.0-H-GREEN | 50950115001 D  | 50  |
| 12              | 61.20      | STL950/12G-5.0-H-GREEN | 50950125001 D  | 50  |
| 13              | 66.20      | STL950/13G-5.0-H-GREEN | 50950135001 D  | 50  |
| 14              | 71.20      | STL950/14G-5.0-H-GREEN | 50950145001 D  | 50  |
| 15              | 76.20      | STL950/15G-5.0-H-GREEN | 50950155001 D  | 50  |
| 16              | 81.20      | STL950/16G-5.0-H-GREEN | 50950165001 D  | 50  |
| 17              | 86.20      | STL950/17G-5.0-H-GREEN | 50950175001 D  | 50  |
| 18              | 91.20      | STL950/18G-5.0-H-GREEN | 50950185001 D  | 50  |
| 19              | 96.20      | STL950/19G-5.0-H-GREEN | 50950195001 D  | 50  |
| 20              | 101.20     | STL950/20G-5.0-H-GREEN | 50950205001 D  | 50  |
| 21              | 106.20     | STL950/21G-5.0-H-GREEN | 50950215001 D  | 50  |
| 22              | 111.20     | STL950/22G-5.0-H-GREEN | 50950225001 D  | 50  |
| 23              | 116.20     | STL950/23G-5.0-H-GREEN | 50950235001 D  | 50  |
| 24              | 121.20     | STL950/24G-5.0-H-GREEN | 50950245001 D  | 50  |

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Technical drawing

