



### Highlights

1 to 24 poles

Vertical 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 -

Spacing 5.0 mm

### 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             | B                                                                                 | C       | D       |                                                                                     |
| Rated voltage        | 300 V                                                                             | 150 V   | 300 V   | 250 V                                                                               |
| Rated current        | 15 A                                                                              | 15 A    | 10 A    | 12 A                                                                                |
| Overvoltage category |                                                                                   |         |         | III                                                                                 |
| Test voltage         | 1.60 kV                                                                           | 1.30 kV | 1.60 kV | 4.0 kV                                                                              |
| Pollution degree     |                                                                                   |         |         | 3                                                                                   |

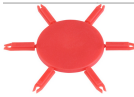
### Counterparts (Spacing 5.0 mm)

Terminal Block

|       |       |        |        |        |        |        |
|-------|-------|--------|--------|--------|--------|--------|
| AK950 | AK955 | AK1100 | AK1110 | AK1200 | AK3950 | AK4951 |
|-------|-------|--------|--------|--------|--------|--------|

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 |



Spacing 5.0 mm

**Order Data (Spacing 5.0 mm)**

| Number of Poles | Width (mm) | Article Designation    | Article Number | PU  |
|-----------------|------------|------------------------|----------------|-----|
| 2               | 11.20      | STL950/2G-5.0-V-GREEN  | 50950025101 F  | 200 |
| 3               | 16.20      | STL950/3G-5.0-V-GREEN  | 50950035101 F  | 200 |
| 4               | 21.20      | STL950/4G-5.0-V-GREEN  | 50950045101 F  | 200 |
| 5               | 26.20      | STL950/5G-5.0-V-GREEN  | 50950055101 E  | 100 |
| 6               | 31.20      | STL950/6G-5.0-V-GREEN  | 50950065101 E  | 100 |
| 7               | 36.20      | STL950/7G-5.0-V-GREEN  | 50950075101 E  | 100 |
| 8               | 41.20      | STL950/8G-5.0-V-GREEN  | 50950085101 D  | 50  |
| 9               | 46.20      | STL950/9G-5.0-V-GREEN  | 50950095101 D  | 50  |
| 10              | 51.20      | STL950/10G-5.0-V-GREEN | 50950105101 D  | 50  |
| 11              | 56.20      | STL950/11G-5.0-V-GREEN | 50950115101 D  | 50  |
| 12              | 61.20      | STL950/12G-5.0-V-GREEN | 50950125101 D  | 50  |
| 13              | 66.20      | STL950/13G-5.0-V-GREEN | 50950135101 D  | 50  |
| 14              | 71.20      | STL950/14G-5.0-V-GREEN | 50950145101 D  | 50  |
| 15              | 76.20      | STL950/15G-5.0-V-GREEN | 50950155101 D  | 50  |
| 16              | 81.20      | STL950/16G-5.0-V-GREEN | 50950165101 D  | 50  |
| 17              | 86.20      | STL950/17G-5.0-V-GREEN | 50950175101 D  | 50  |
| 18              | 91.20      | STL950/18G-5.0-V-GREEN | 50950185101 D  | 50  |
| 19              | 96.20      | STL950/19G-5.0-V-GREEN | 50950195101 D  | 50  |
| 20              | 101.20     | STL950/20G-5.0-V-GREEN | 50950205101 D  | 50  |
| 21              | 106.20     | STL950/21G-5.0-V-GREEN | 50950215101 D  | 50  |
| 22              | 111.20     | STL950/22G-5.0-V-GREEN | 50950225101 D  | 50  |
| 23              | 116.20     | STL950/23G-5.0-V-GREEN | 50950235101 D  | 50  |
| 24              | 121.20     | STL950/24G-5.0-V-GREEN | 50950245101 D  | 50  |



**PTR HARTMANN**

A Phoenix Mecano Company

Technical Data // **STL950/..G-5.0-V-GREEN**

Spacing 5.0 mm

Technical drawing

