PTR HARTMANN
A Phoenix Mecano Company



| | |
|---|---|
| **Highlights** | |
| 2 to 24 poles | |
| Vertical pin strip | |
| Spacing 5.0 mm | |
| Closed ends | |
| Double tier pin strip | |
| **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 | -40 °C (without mech. load) - 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

LIGHT GREEN, similar RAL 6018

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

## Ratings

| | | c UL us | | VDE |
|---|---|---|---|---|
| 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 |

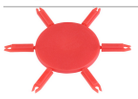
## Counterparts (Spacing 5.0 mm)

Terminal Block

| | | | |
|---|---|---|---|
| AK950 | AK955 | AK1100 | AK1110 |

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 | Art.-Nr. 50000000024 |
|  | Separating Element SE-STL950-GREEN | Art.-Nr. 50950000002 |

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## Order Data (Spacing 5.0 mm)

| Number of Poles | Width (mm) | Article Designation | Article Number | PU |
|---|---|---|---|---|
| 2 | 11.40 | STL975/2G-5.0-V-GREEN | 50975025101 D | 50 |
| 3 | 16.40 | STL975/3G-5.0-V-GREEN | 50975035101 D | 50 |
| 4 | 21.40 | STL975/4G-5.0-V-GREEN | 50975045101 D | 50 |
| 5 | 26.40 | STL975/5G-5.0-V-GREEN | 50975055101 D | 50 |
| 6 | 31.40 | STL975/6G-5.0-V-GREEN | 50975065101 D | 50 |
| 7 | 36.40 | STL975/7G-5.0-V-GREEN | 50975075101 D | 50 |
| 8 | 41.40 | STL975/8G-5.0-V-GREEN | 50975085101 D | 50 |
| 9 | 46.40 | STL975/9G-5.0-V-GREEN | 50975095101 D | 50 |
| 10 | 51.40 | STL975/10G-5.0-V-GREEN | 50975105101 D | 50 |
| 11 | 56.40 | STL975/11G-5.0-V-GREEN | 50975115101 D | 50 |
| 12 | 61.40 | STL975/12G-5.0-V-GREEN | 50975125101 D | 50 |
| 13 | 66.40 | STL975/13G-5.0-V-GREEN | 50975135101 D | 50 |
| 14 | 71.40 | STL975/14G-5.0-V-GREEN | 50975145101 D | 50 |
| 15 | 76.40 | STL975/15G-5.0-V-GREEN | 50975155101 D | 50 |
| 16 | 81.40 | STL975/16G-5.0-V-GREEN | 50975165101 D | 50 |
| 17 | 86.40 | STL975/17G-5.0-V-GREEN | 50975175101 D | 50 |
| 18 | 91.40 | STL975/18G-5.0-V-GREEN | 50975185101 D | 50 |
| 19 | 96.40 | STL975/19G-5.0-V-GREEN | 50975195101 D | 50 |
| 20 | 101.40 | STL975/20G-5.0-V-GREEN | 50975205101 D | 50 |
| 21 | 106.40 | STL975/21G-5.0-V-GREEN | 50975215101 D | 50 |
| 22 | 111.40 | STL975/22G-5.0-V-GREEN | 50975225101 D | 50 |
| 23 | 116.40 | STL975/23G-5.0-V-GREEN | 50975235101 D | 50 |
| 24 | 121.40 | STL975/24G-5.0-V-GREEN | 50975245101 D | 50 |

Spacing 5.0 mm

## Technical drawing

