PTR HARTMANN
A Phoenix Mecano Company

| | |
|---|---|
| **Highlights** | |
| 2 to 20 poles | |
| Horizontal pin strip | |
| Spacing 3.5 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 | 1.2 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 | - |

Spacing 3.5 mm

## Colours

GREEN, RAL 6018

BLACK, RAL 9011

BASALT GREY, RAL 7012

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 | |
|---|---|---|---|
| UseGroup | B | C | D |
| Rated voltage | 300 V | - | 300 V |
| Rated current | 10 A | - | 10 A |

## Ratings

| | | VDE | |
|---|---|---|---|
| Overvoltage category | III | III | |
| Pollution Degree | 3 | 2 | |
| Rated voltage | 160 V | 400 V | |
| Rated current | 10 A | 8 A | |
| Test voltage | 2.5 V | 2.5 V | |

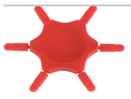
## Counterparts (Spacing 3.5 mm)

Terminal Block

| | | | | | |
|---|---|---|---|---|---|
| AK1550 | AK1700 | AK1710 | AK4541 | AK4551 | AK4561 |

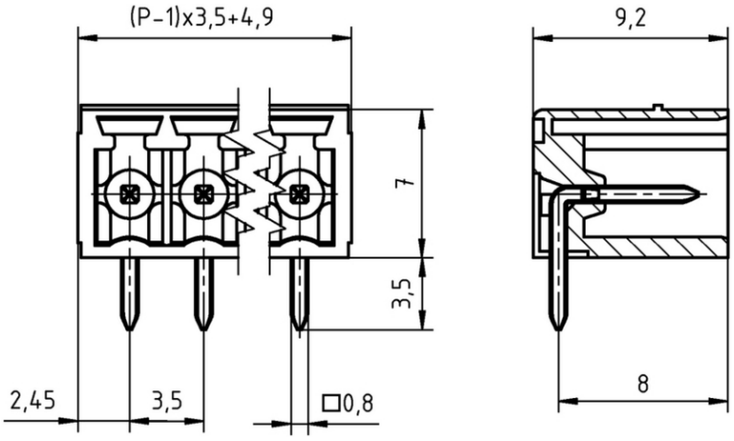
In combination of connectors with different admission data, the lower value is valid.

## Accessoires

| Figure | Designation | Article Number |
|---|---|---|
|  | Coding Star CS1-3.5/3.81-RED | Art.-Nr. 50000000023 |
| | Separating Element SE-STL1550-GREEN | Art.-Nr. 51550000002 |

Spacing 3.5 mm

## Order Data (Spacing 3.5 mm)

| Number of Poles | Width (mm) | Article Designation | Article Number | PU |
|---|---|---|---|---|
| 2 | 8.40 | STL1550/2G-3.5-H-GREEN | 51550025001 F | 200 |
| 3 | 11.90 | STL1550/3G-3.5-H-GREEN | 51550035001 F | 200 |
| 4 | 15.40 | STL1550/4G-3.5-H-GREEN | 51550045001 F | 200 |
| 5 | 18.90 | STL1550/5G-3.5-H-GREEN | 51550055001 F | 200 |
| 6 | 22.40 | STL1550/6G-3.5-H-GREEN | 51550065001 E | 100 |
| 7 | 25.90 | STL1550/7G-3.5-H-GREEN | 51550075001 E | 100 |
| 8 | 29.40 | STL1550/8G-3.5-H-GREEN | 51550085001 D | 50 |
| 9 | 32.90 | STL1550/9G-3.5-H-GREEN | 51550095001 D | 50 |
| 10 | 36.40 | STL1550/10G-3.5-H-GREEN | 51550105001 D | 50 |
| 11 | 39.90 | STL1550/11G-3.5-H-GREEN | 51550115001 D | 50 |
| 12 | 43.40 | STL1550/12G-3.5-H-GREEN | 51550125001 D | 50 |
| 13 | 46.90 | STL1550/13G-3.5-H-GREEN | 51550135001 D | 50 |
| 14 | 50.40 | STL1550/14G-3.5-H-GREEN | 51550145001 D | 50 |
| 15 | 53.90 | STL1550/15G-3.5-H-GREEN | 51550155001 D | 50 |
| 16 | 57.40 | STL1550/16G-3.5-H-GREEN | 51550165001 D | 50 |
| 17 | 60.90 | STL1550/17G-3.5-H-GREEN | 51550175001 D | 50 |
| 18 | 64.40 | STL1550/18G-3.5-H-GREEN | 51550185001 D | 50 |
| 19 | 67.90 | STL1550/19G-3.5-H-GREEN | 51550195001 D | 50 |
| 20 | 71.40 | STL1550/20G-3.5-H-GREEN | 51550205001 D | 50 |

## Technical drawing