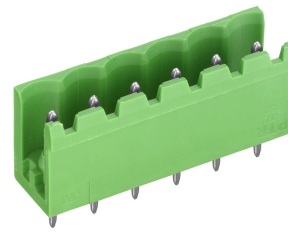


# STLZ950/..-5.08-V-GREEN



A Phoenix Mecano Brand



## Technical Data

| Wire sizes                |              | Insulating Material                        |                 |
|---------------------------|--------------|--|-----------------|
| Solid min                 | -            | Material                                   | PA 6.6          |
| Solid max                 | -            | Flammability Class                         | UL 94 V-0       |
| Stranded (flexible) min   | -            | <b>Temperatures</b>                        |                 |
| Stranded (flexible) max   | -            | Operating Temperature (without mech. load) | -40 °C - 105 °C |
| Stranded with Ferrule min | -            | Store Temperature                          | -40 °C - 105 °C |
| Stranded with Ferrule max | -            | <b>Wave Soldering Process</b>              |                 |
| <b>Dimensions</b>         |              | Soldering Temperature, recommended         | 260 °C          |
| PCB Hole Diameter         | 1.4 mm       | Peak Soldering Time, recommended           | 3-4 s           |
| <b>Materials</b>          |              | <b>Reflow Process</b>                      |                 |
| Contact Pin               | Copper Alloy | Soldering Temperature, recommended         | -               |
|                           |              | Peak Soldering Time, recommended           | -               |

## Colours

|  |                               |
|--|-------------------------------|
|  | GREEN, RAL 6018               |
|  | BLACK, RAL 9011               |
|  | BASALT GREY, RAL 7012         |
|  | LIGHT GREY, RAL 7035          |
|  | LIGHT GREEN, similar RAL 6018 |

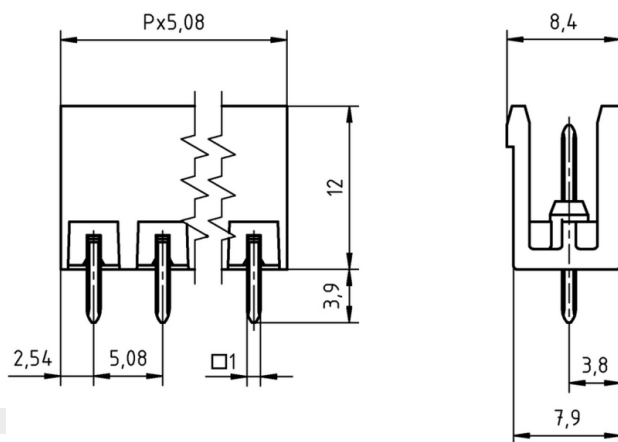
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

## Counterparts (Spacing 5.08 mm)

Pin Strip/Terminal Block

|             |        |        |         |         |         |         |
|-------------|--------|--------|---------|---------|---------|---------|
| STLZ950-INV | AKZ950 | AKZ955 | AKZ1100 | AKZ1110 | AKZ1200 | AKZ4951 |
|-------------|--------|--------|---------|---------|---------|---------|

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



## Order Data (Spacing 5.08 mm)

| Poles | Width (mm) | Article Designation     | Article Number | PU  |
|-------|------------|-------------------------|----------------|-----|
| 2     | 10.16      | STLZ950/2-5.08-V-GREEN  | 50950025131 F  | 200 |
| 3     | 15.24      | STLZ950/3-5.08-V-GREEN  | 50950035131 F  | 200 |
| 4     | 20.32      | STLZ950/4-5.08-V-GREEN  | 50950045131 F  | 200 |
| 5     | 25.40      | STLZ950/5-5.08-V-GREEN  | 50950055131 E  | 100 |
| 6     | 30.48      | STLZ950/6-5.08-V-GREEN  | 50950065131 E  | 100 |
| 7     | 35.56      | STLZ950/7-5.08-V-GREEN  | 50950075131 E  | 100 |
| 8     | 40.64      | STLZ950/8-5.08-V-GREEN  | 50950085131 D  | 50  |
| 9     | 45.72      | STLZ950/9-5.08-V-GREEN  | 50950095131 D  | 50  |
| 10    | 50.80      | STLZ950/10-5.08-V-GREEN | 50950105131 D  | 50  |
| 11    | 55.88      | STLZ950/11-5.08-V-GREEN | 50950115131 D  | 50  |
| 12    | 60.96      | STLZ950/12-5.08-V-GREEN | 50950125131 D  | 50  |
| 13    | 66.04      | STLZ950/13-5.08-V-GREEN | 50950135131 D  | 50  |
| 14    | 71.12      | STLZ950/14-5.08-V-GREEN | 50950145131 D  | 50  |
| 15    | 76.20      | STLZ950/15-5.08-V-GREEN | 50950155131 D  | 50  |
| 16    | 81.28      | STLZ950/16-5.08-V-GREEN | 50950165131 D  | 50  |
| 17    | 86.36      | STLZ950/17-5.08-V-GREEN | 50950175131 D  | 50  |
| 18    | 91.44      | STLZ950/18-5.08-V-GREEN | 50950185131 D  | 50  |
| 19    | 96.52      | STLZ950/19-5.08-V-GREEN | 50950195131 D  | 50  |
| 20    | 101.60     | STLZ950/20-5.08-V-GREEN | 50950205131 D  | 50  |
| 21    | 106.68     | STLZ950/21-5.08-V-GREEN | 50950215131 D  | 50  |
| 22    | 111.76     | STLZ950/22-5.08-V-GREEN | 50950225131 D  | 50  |
| 23    | 116.84     | STLZ950/23-5.08-V-GREEN | 50950235131 D  | 50  |
| 24    | 121.92     | STLZ950/24-5.08-V-GREEN | 50950245131 D  | 50  |

## Accessoires

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

## 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   |
| Overvoltage Category |         |         |         | III    |
| Test Voltage         | 1.60 kV | 1.30 kV | 1.60 kV | 4.0 kV |
| Pollution Degree     |         |         |         | 3      |