

| | |
|---|---|
| **Highlights** | |
| 2 to 12 poles | |
| Vertical pin strip | |
| Spacing 5.08 mm | |
| Closed ends | |
| High current pin strip up to 16 A | |
| Reflow soldering | |
| THR | |
| Pin length 2.6 mm | |
| Pin length 3.5 mm also available | |
| **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 | PPA |
| 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 |

Spacing 5.08 mm

## Reflow Process

| | |
|---|---|
| Soldering temperature, recommended | 217 - 245 °C |
| Peak soldering time, recommended | 60 s |

## Colours

BLACK, RAL 9011

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

## Ratings

| | | c UL us | | VDE |
|---|---|---|---|---|
| UseGroup | B | C | D | |
| Rated voltage | 300 V | 150 V | 300 V | 250 V |
| Rated current | 16 A | 16 A | 10 A | 16 A |
| Overvoltage category | | | | III |
| Test voltage | 1.60 kV | 1.30 kV | 1.60 kV | 4.0 kV |
| Pollution degree | | | | 3 |

## Counterparts (Spacing 5.08 mm)

Terminal Block

AKZ950

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-LIGHT GREY-HT | Art.-Nr. 50000000028 |

## Order Data (Spacing 5.08 mm)

| Number of Poles | Width (mm) | Article Designation | Article Number | PU |
|---|---|---|---|---|
| 2 | 11.36 | STLZ950/2G-5.08-V-P2.6-BK-HC-HT | 50950025368 F | 200 |
| 3 | 16.44 | STLZ950/3G-5.08-V-P2.6-BK-HC-HT | 50950035368 F | 200 |
| 4 | 21.52 | STLZ950/4G-5.08-V-P2.6-BK-HC-HT | 50950045368 F | 200 |
| 5 | 26.60 | STLZ950/5G-5.08-V-P2.6-BK-HC-HT | 50950055368 E | 100 |
| 6 | 31.68 | STLZ950/6G-5.08-V-P2.6-BK-HC-HT | 50950065368 E | 100 |
| 7 | 36.76 | STLZ950/7G-5.08-V-P2.6-BK-HC-HT | 50950075368 E | 100 |
| 8 | 41.84 | STLZ950/8G-5.08-V-P2.6-BK-HC-HT | 50950085368 D | 50 |
| 9 | 46.92 | STLZ950/9G-5.08-V-P2.6-BK-HC-HT | 50950095368 D | 50 |
| 10 | 52.00 | STLZ950/10G-5.08-V-P2.6-BK-HC-HT | 50950105368 D | 50 |
| 11 | 57.08 | STLZ950/11G-5.08-V-P2.6-BK-HC-HT | 50950115368 D | 50 |
| 12 | 62.16 | STLZ950/12G-5.08-V-P2.6-BK-HC-HT | 50950125368 D | 50 |

Spacing 5.08 mm

## Technical drawing

