



Highlights

2 to 24 poles

Lift type

Spacing 5.08 mm

Wire entry parallel to plugging direction

Coding with coding star

With snap-in hooks to snap onto the pin strip

Wire Sizes

Solid min 0.2 mm²

Solid max 4.0 mm²

Stranded (flexible) min 0.2 mm²

Stranded (flexible) max 2.5 mm²

Stranded with ferrule min 0.25 mm²

Stranded with ferrule max 2.5 mm²

Dimensions

Stripped length 6.0 mm

Materials

Clamp Brass

Screw Steel

Contact spring Bronze

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 -

Peak soldering time, recommended -

**Technical Data // AKZ950/..-5.08-GREEN**

Spacing 5.08 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours



GREEN, RAL 6018

BLACK, RAL 9011

PEBBLE GREY, RAL 7032

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 | |
| Rated wire size | | | | min | max |
| - solid | AWG 22-12 | AWG 22-12 | AWG 22-12 | 0.5 mm ² (5 A) | 2.5 mm ² (12 A) |
| - stranded | - | - | - | - | - |
| - stranded (flexible) | AWG 22-12 | AWG 22-12 | AWG 22-12 | 0.5 mm ² (5 A) | 2.5 mm ² (12 A) |
| Torque | 0.50 Nm | 0.50 Nm | 0.50 Nm | 0.50 Nm | |
| Screw size | M3 | M3 | M3 | M3 | |
| Test voltage | 1.60 kV | 1.30 kV | 1.60 kV | 4.0 kV | |
| Pollution degree | | | | 3 | |

Counterparts (Spacing 5.08 mm)

Pin Strip/Terminal Block



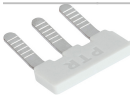
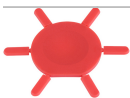


| | | | | | | |
|---------|------------|--------------|---------|---------|--------|---------|
| STLZ950 | STLZ950-HT | STLZ950-G-HT | STLZ970 | STLZ990 | AKZ950 | AKZS950 |
|---------|------------|--------------|---------|---------|--------|---------|

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

**Technical Data // AKZ950/..-5.08-GREEN**

Spacing 5.08 mm

Accessoires

| Figure | Designation | Article Number |
|---|--|----------------------|
|  | Series AK(Z)950 with pull relief | Art.-Nr. on request |
|  | Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY | Art.-Nr. 50000000006 |
|  | Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY | Art.-Nr. 50000000007 |
|  | Coding Star CS1-5.0/5.08-RED | Art.-Nr. 50000000021 |
|  | Bridge, 2-pole, BR/2-5.0/5.08-L7.0 | Art.-Nr. 50000000008 |
|  | Series AK(Z)950 with Separating Element | Art.-Nr. on request |

Order Data (Spacing 5.08 mm)

| Number of Poles | Width (mm) | Article Designation | Article Number | PU |
|-----------------|------------|----------------------|----------------|-----|
| 2 | 10.16 | AKZ950/2-5.08-GREEN | 50950020021 F | 200 |
| 3 | 15.24 | AKZ950/3-5.08-GREEN | 50950030021 F | 200 |
| 4 | 20.32 | AKZ950/4-5.08-GREEN | 50950040021 F | 200 |
| 5 | 25.40 | AKZ950/5-5.08-GREEN | 50950050021 E | 100 |
| 6 | 30.48 | AKZ950/6-5.08-GREEN | 50950060021 E | 100 |
| 7 | 35.56 | AKZ950/7-5.08-GREEN | 50950070021 E | 100 |
| 8 | 40.64 | AKZ950/8-5.08-GREEN | 50950080021 D | 50 |
| 9 | 45.72 | AKZ950/9-5.08-GREEN | 50950090021 D | 50 |
| 10 | 50.80 | AKZ950/10-5.08-GREEN | 50950100021 D | 50 |
| 11 | 55.88 | AKZ950/11-5.08-GREEN | 50950110021 D | 50 |
| ... | ... | ... | ... | ... |
| 18 | 91.44 | AKZ950/18-5.08-GREEN | 50950180021 D | 50 |
| 19 | 96.52 | AKZ950/19-5.08-GREEN | 50950190021 D | 50 |
| 20 | 101.60 | AKZ950/20-5.08-GREEN | 50950200021 D | 50 |
| 21 | 106.68 | AKZ950/21-5.08-GREEN | 50950210021 D | 50 |
| 22 | 111.76 | AKZ950/22-5.08-GREEN | 50950220021 D | 50 |
| 23 | 116.84 | AKZ950/23-5.08-GREEN | 50950230021 D | 50 |
| 24 | 121.92 | AKZ950/24-5.08-GREEN | 50950240021 D | 50 |



Spacing 5.08 mm

Technical drawing

