



Highlights

2 to 18 poles

Lift type

Spacing 5.08 mm

Wire entry vertical to plugging direction

Coding with coding star

With fixing flange

19 to 24 poles on request

For snapping onto TS 32/35

PCB terminal block with 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

Thread insert, flange Brass

Contact tag 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

**Technical Data // AKZS950/..F-5.08-GREEN**

Spacing 5.08 mm

Wave Soldering Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Reflow Process

Soldering temperature, recommended -



Peak soldering time, recommended -

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**

| 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 28-12 | AWG 28-12 | AWG 28-12 | 0.5 mm ² (5 A) | 2.5 mm ² (12 A) |
| - stranded | AWG 28-12 | AWG 28-12 | AWG 28-12 | 0.5 mm ² (5 A) | 2.5 mm ² (12 A) |
| Torque | 0.45 Nm | 0.45 Nm | 0.45 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)**Terminal Block**

| | | | |
|--------|---------|---------|---------|
| AKZ950 | AKZ1100 | AKZ1110 | AKZ4951 |
|--------|---------|---------|---------|

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

Spacing 5.08 mm

Accessoires

| Figure | Designation | Article Number |
|--|--|-------------------------|
|  | Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY | Order data: 50000000006 |
|  | Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY | Order data: 50000000007 |
|  | Coding Star CS2-5.0/5.08-RED | Order data: 50000000024 |
|  | Separating Element SE-STL950-GREEN | Order data: 50950000002 |
|  | Bridge, 2-pole, BR/2-5.0/5.08-L7.0 | Order data: 50000000008 |
|  | Mounting Rail Clip CLP-AKZS950-TS15/TS35 | Order data: 50950000005 |
|  | Mounting Rail Clip CLP-AKZS950-TS32/TS35 | Order data: 50950000006 |

Order Data (Spacing 5.08 mm)

| Number of Poles | Width (mm) | Article Designation | Article Number | PU |
|-----------------|------------|------------------------|----------------|-----|
| 2 | 21.48 | AKZS950/2F-5.08-GREEN | 50950027022 E | 100 |
| 3 | 26.56 | AKZS950/3F-5.08-GREEN | 50950037022 E | 100 |
| 4 | 31.64 | AKZS950/4F-5.08-GREEN | 50950047022 E | 100 |
| 5 | 36.72 | AKZS950/5F-5.08-GREEN | 50950057022 E | 100 |
| 6 | 41.80 | AKZS950/6F-5.08-GREEN | 50950067022 D | 50 |
| 7 | 46.88 | AKZS950/7F-5.08-GREEN | 50950077022 D | 50 |
| 8 | 51.96 | AKZS950/8F-5.08-GREEN | 50950087022 D | 50 |
| 9 | 57.04 | AKZS950/9F-5.08-GREEN | 50950097022 D | 50 |
| 10 | 62.12 | AKZS950/10F-5.08-GREEN | 50950107022 D | 50 |
| 11 | 67.20 | AKZS950/11F-5.08-GREEN | 50950117022 N | 25 |
| ... | ... | ... | ... | ... |
| 18 | 102.76 | AKZS950/18F-5.08-GREEN | 50950187022 N | 25 |



Spacing 5.08 mm

Technical drawing

