

Highlights

2 to 20 poles

Lift type

Spacing 5.0 mm

Wire entry vertical 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 7.0 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 // AK1100/..-5.0-GREEN**

Spacing 5.0 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

GREEN, RAL 6018

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.**Ratings**

| UseGroup | B | C | D | | |
|-----------------------|-----------|-----------|---|---------------------------|----------------------------|
| Rated voltage | 300 V | 150 V | - | 250 V | |
| Rated current | 15 A | 15 A | - | 10 A | |
| Overvoltage category | | | | III | |
| Rated wire size | | | | min | max |
| - solid | AWG 28-10 | AWG 28-10 | - | 0.5 mm ² (6 A) | 2.5 mm ² (10 A) |
| - stranded | - | - | - | - | - |
| - stranded (flexible) | AWG 28-10 | AWG 28-10 | - | 0.5 mm ² (6 A) | 2.5 mm ² (10 A) |
| Torque | 0.50 Nm | 0.50 Nm | - | 0.50 Nm | |
| Screw size | M3 | M3 | - | M3 | |
| Test voltage | 1.60 kV | 1.30 kV | - | 4.0 kV | |
| Pollution degree | | | | 3 | |



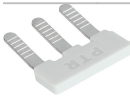
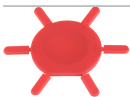


Counterparts (Spacing 5.0 mm)**Pin Strip**

| | | | | |
|--------|-----------|-------------|--------|--------|
| STL950 | STL950-HT | STL950-G-HT | STL955 | STL975 |
|--------|-----------|-------------|--------|--------|

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

Spacing 5.0 mm

Accessoires

| Figure | Designation | Article Number |
|---|--|----------------------|
|  | Series AK(Z)1100 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)1100 with separating element | Art.-Nr. on request |

Order Data (Spacing 5.0 mm)

| Number of Poles | Width (mm) | Article Designation | Article Number | PU |
|-----------------|------------|---------------------|----------------|-----|
| 2 | 10.00 | AK1100/2-5.0-GREEN | 51100020021 F | 200 |
| 3 | 15.00 | AK1100/3-5.0-GREEN | 51100030021 F | 200 |
| 4 | 20.00 | AK1100/4-5.0-GREEN | 51100040021 E | 100 |
| 5 | 25.00 | AK1100/5-5.0-GREEN | 51100050021 E | 100 |
| 6 | 30.00 | AK1100/6-5.0-GREEN | 51100060021 E | 100 |
| 7 | 35.00 | AK1100/7-5.0-GREEN | 51100070021 E | 100 |
| 8 | 40.00 | AK1100/8-5.0-GREEN | 51100080021 D | 50 |
| 9 | 45.00 | AK1100/9-5.0-GREEN | 51100090021 D | 50 |
| 10 | 50.00 | AK1100/10-5.0-GREEN | 51100100021 D | 50 |
| 11 | 55.00 | AK1100/11-5.0-GREEN | 51100110021 D | 50 |
| ... | ... | ... | ... | ... |
| 18 | 90.00 | AK1100/18-5.0-GREEN | 51100180021 D | 50 |
| 19 | 95.00 | AK1100/19-5.0-GREEN | 51100190021 D | 50 |
| 20 | 100.00 | AK1100/20-5.0-GREEN | 51100200021 D | 50 |



Spacing 5.0 mm

Technical drawing

