



#### Wire sizes

|                           |                      |
|---------------------------|----------------------|
| Solid min                 | 0.2 mm <sup>2</sup>  |
| Solid max                 | 4.0 mm <sup>2</sup>  |
| Stranded (flexible) min   | 0.2mm <sup>2</sup>   |
| Stranded (flexible) max   | 4.0 mm <sup>2</sup>  |
| Stranded with Ferrule min | 0.25 mm <sup>2</sup> |
| Stranded with Ferrule max | 2.5 mm <sup>2</sup>  |

#### 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 (without mech. load) | -40 °C - 105 °C |
| Store Temperature                          | -40 °C - 105 °C |

#### 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.

Spacing 5.08 mm

**Ratings**

|                      | UL <sup>®</sup> US |   |           | VDE                       |                            |
|----------------------|--------------------|---|-----------|---------------------------|----------------------------|
| UseGroup             | B                  | C | D         |                           |                            |
| Rated Voltage        | 300 V              | - | 300 V     | 250 V                     |                            |
| Rated Current        | 15 A               | - | 10 A      | 10 A                      |                            |
| Overvoltage Category |                    |   |           | III                       |                            |
| Rated Wire Size      |                    |   |           | min                       | max                        |
| - solid              | AWG 28-12          | - | AWG 28-12 | 0.5 mm <sup>2</sup> (6 A) | 2.5 mm <sup>2</sup> (10 A) |
| - stranded           | AWG 28-12          | - | AWG 28-12 | 0.5 mm <sup>2</sup> (6 A) | 2.5 mm <sup>2</sup> (10 A) |
| Torque               | 0.50 Nm            | - | 0.50 Nm   | 0.50 Nm                   |                            |
| Screw Size           | M3                 | - | M3        | M3                        |                            |
| Test Voltage         | 1.60 kV            | - | 1.60 kV   | 4.0 kV                    |                            |
| Pollution Degree     |                    |   |           | 3                         |                            |



**Counterparts (Spacing 5.08 mm)**

Pin Strip/Terminal Block

|         |            |         |         |
|---------|------------|---------|---------|
| STLZ950 | STLZ950-HT | STLZ970 | AKZS950 |
|---------|------------|---------|---------|

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

**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 CS4-5.0/5.08-RED                         | Order Data: 50000000026 |
|  | Series AK(Z)1100 with separating element             | Order Data: on request  |
|  | Series AK(Z)1100 with pull relief                    | Order Data: on request  |

**Technical Data // AKZ1100/..F-5.08-GRÜN**

Spacing 5.08 mm

**Order Data (Spacing 5.08 mm)**

| Poles | Width (mm) | Article Designation    | Article Number | PU  |
|-------|------------|------------------------|----------------|-----|
| 2     | 20.32      | AKZ1100/2F-5.08-GREEN  | 51100022001 F  | 200 |
| 3     | 25.40      | AKZ1100/3F-5.08-GREEN  | 51100032001 F  | 200 |
| 4     | 30.48      | AKZ1100/4F-5.08-GREEN  | 51100042001 E  | 100 |
| 5     | 35.56      | AKZ1100/5F-5.08-GREEN  | 51100052001 E  | 100 |
| 6     | 40.64      | AKZ1100/6F-5.08-GREEN  | 51100062001 E  | 100 |
| 7     | 45.72      | AKZ1100/7F-5.08-GREEN  | 51100072001 E  | 100 |
| 8     | 50.80      | AKZ1100/8F-5.08-GREEN  | 51100082001 E  | 100 |
| 9     | 55.88      | AKZ1100/9F-5.08-GREEN  | 51100092001 D  | 50  |
| 10    | 60.96      | AKZ1100/10F-5.08-GREEN | 51100102001 D  | 50  |
| 11    | 66.04      | AKZ1100/11F-5.08-GREEN | 51100112001 D  | 50  |
| 12    | 71.12      | AKZ1100/12F-5.08-GREEN | 51100122001 D  | 50  |
| 13    | 76.20      | AKZ1100/13F-5.08-GREEN | 51100132001 D  | 50  |
| 14    | 81.28      | AKZ1100/14F-5.08-GREEN | 51100142001 D  | 50  |
| 15    | 86.36      | AKZ1100/15F-5.08-GREEN | 51100152001 D  | 50  |
| 16    | 91.44      | AKZ1100/16F-5.08-GREEN | 51100162001 D  | 50  |
| 17    | 96.52      | AKZ1100/17F-5.08-GREEN | 51100172001 D  | 50  |
| 18    | 101.60     | AKZ1100/18F-5.08-GREEN | 51100182001 D  | 50  |
| 19    | 106.68     | AKZ1100/19F-5.08-GREEN | 51100192001 D  | 50  |
| 20    | 111.76     | AKZ1100/20F-5.08-GREEN | 51100202001 D  | 50  |

**Technical drawing**