

## AKZ4951/..KD-5.08-BASALT GREY



## Technical Data

| Wire Sizes                |                 | Insulating Material                |                 |
|---------------------------|-----------------|------------------------------------|-----------------|
| Solid min                 | 0.2 mm²         | Material                           | PA 6.6          |
| solid max                 | 2.5 mm²         | Flammability Class                 | UL 94 V-0       |
| Stranded (flexible) min   | 0.2 mm²         | <b>Temperatures</b>                |                 |
| Stranded (flexible) max   | 2.5 mm²         | Operating Temperature              | -30 °C - 105 °C |
| Stranded with Ferrule min | 0.25 mm²        | <b>Wave Soldering Process</b>      |                 |
| Stranded with Ferrule max | 2.5 mm²         | Soldering Temperature, recommended | -               |
| <b>Dimensions</b>         |                 | Peak Soldering Time, recommended   | -               |
| Stripped Length           | 12 mm           | <b>Reflow Process</b>              |                 |
| <b>Materials</b>          |                 | Soldering Temperature, recommended | -               |
| Contact Spring            | Copper Alloy    | Peak Soldering Time, recommended   | -               |
| Clamp Spring              | Stainless Steel |                                    |                 |

## Colours

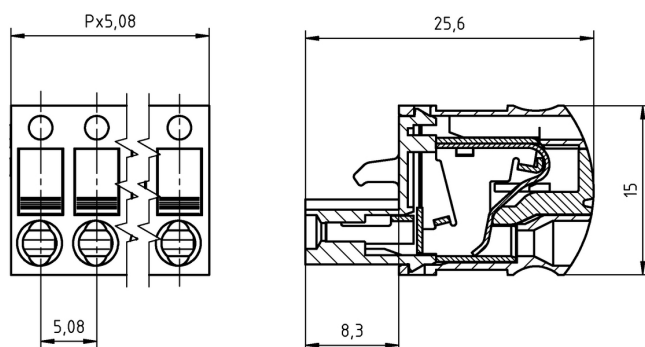
|  |                               |
|--|-------------------------------|
|  | BASALT GREY, RAL7012          |
|  | GREEN, RAL6018                |
|  | LIGHT GREEN, similar RAL 6018 |

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

## Counterparts (Spacing 5.08 mm)

| Pin Strip/Terminal Blocks |         |            |         |         |
|---------------------------|---------|------------|---------|---------|
| STLZ970                   | STLZ990 | AKZ950-INV | STLZ950 | AKZS950 |

If there are combinations with different ratings, the lower value is valid.



## Order Data (Spacing 5.08 mm)

| Poles | Width (mm) | Article Designation           | Article Number | PU |
|-------|------------|-------------------------------|----------------|----|
| 2     | 10.16      | AKZ4951/2KD-5.08-BASALT GREY  | 54951020421D   | 50 |
| 3     | 15.24      | AKZ4951/3KD-5.08-BASALT GREY  | 54951030421D   | 50 |
| 4     | 20.32      | AKZ4951/4KD-5.08-BASALT GREY  | 54951040421D   | 50 |
| 5     | 25.40      | AKZ4951/5KD-5.08-BASALT GREY  | 54951050421D   | 50 |
| 6     | 30.48      | AKZ4951/6KD-5.08-BASALT GREY  | 54951060421D   | 50 |
| 7     | 35.56      | AKZ4951/7KD-5.08-BASALT GREY  | 54951070421D   | 50 |
| 8     | 40.64      | AKZ4951/8KD-5.08-BASALT GREY  | 54951080421D   | 50 |
| 9     | 45.72      | AKZ4951/9KD-5.08-BASALT GREY  | 54951090421D   | 50 |
| 10    | 50.80      | AKZ4951/10KD-5.08-BASALT GREY | 54951100421D   | 50 |
| 11    | 55.88      | AKZ4951/11KD-5.08-BASALT GREY | 54951110421D   | 50 |
| 12    | 60.96      | AKZ4951/12KD-5.08-BASALT GREY | 54951120421D   | 50 |
| 13    | 66.04      | AKZ4951/13KD-5.08-BASALT GREY | 54951130421D   | 50 |
| 14    | 71.12      | AKZ4951/14KD-5.08-BASALT GREY | 54951140421D   | 50 |
| 15    | 76.20      | AKZ4951/15KD-5.08-BASALT GREY | 54951150421D   | 50 |
| 16    | 81.28      | AKZ4951/16KD-5.08-BASALT GREY | 54951160421D   | 50 |
| 17    | 86.36      | AKZ4951/17KD-5.08-BASALT GREY | 54951170421D   | 50 |
| 18    | 91.44      | AKZ4951/18KD-5.08-BASALT GREY | 54951180421D   | 50 |
| 19    | 96.52      | AKZ4951/19KD-5.08-BASALT GREY | 54951190421D   | 50 |
| 20    | 101.60     | AKZ4951/20KD-5.08-BASALT GREY | 54951200421D   | 50 |
| 21    | 106.68     | AKZ4951/21KD-5.08-BASALT GREY | 54951210421D   | 50 |
| 22    | 111.76     | AKZ4951/22KD-5.08-BASALT GREY | 54951220421D   | 50 |
| 23    | 116.84     | AKZ4951/23KD-5.08-BASALT GREY | 54951230421D   | 50 |
| 24    | 121.92     | AKZ4951/24KD-5.08-BASALT GREY | 54951240421D   | 50 |

## Accessories

| Figure | Designation                        | Article Number |
|--------|------------------------------------|----------------|
|        | Coding star CS1-5.0/5.08-RED       | 50000000021    |
|        | Series AK(Z)4951 with pull reliefs | on request     |

## Ratings



| Usegroup             | B         | C | D         |         |         |
|----------------------|-----------|---|-----------|---------|---------|
| Rated Voltage        | 300 V     | - | 300 V     | 250 V   |         |
| Rated Current        | 10 A      | - | 10 A      | 12 A    |         |
| Overvoltage Category | III       |   |           |         |         |
| Rated Wire Size      |           |   | min       |         | max     |
| solid                | AWG 26-12 | - | AWG 26-12 | 0.2 mm² | 2.5 mm² |
| stranded             | AWG 26-12 | - | AWG 26-12 | 0.2 mm² | 2.5 mm² |
| Test Voltage         | 1.6 kV    | - | 1.6 kV    | 4.0 kV  |         |
| Pollution Degree     | 3         |   |           |         |         |

\* Approval Pending