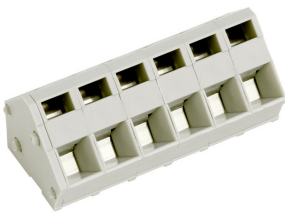


Tension spring | Spacing 5.0 mm

AK3000/..-5.0-PEBBLE GREY

- 1- to n-poles
- Increase to spacing 5.08 mm by pulling on both ends



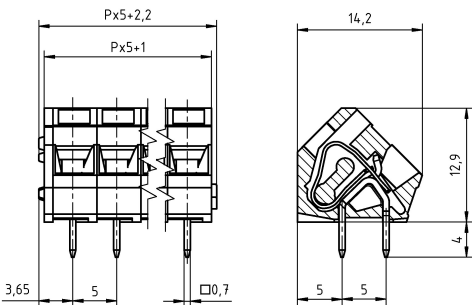
Technical Data

| Wire sizes                |                 | Insulating Material                |                 |
|---------------------------|-----------------|------------------------------------|-----------------|
| Solid min                 | 0.08 mm²        | Material                           | PA 6.6          |
| Solid max                 | 2.5 mm²         | Flammability Class                 | UL 94 V-0       |
| Stranded (flexible) min   | 0.14mm²         | Temperatures                       |                 |
| Stranded (flexible) max   | 2.5 mm²         | Operating Temperature              | -30 °C - 105 °C |
| Stranded with Ferrule min | 0.14 mm²        | Store Temperature                  | -40 °C - 105 °C |
| Stranded with Ferrule max | 1.5 mm²         | Wave Soldering Process             |                 |
| Dimensions                |                 | Soldering Temperature, recommended | 265 °C          |
| Stripped Length           | 6.0 mm          | Peak Soldering Time, recommended   | 3-4 s           |
| PCB Hole Diameter         | 1.1 mm          | Reflow Process                     |                 |
| Materials                 |                 | Soldering Temperature, recommended | -               |
| Solder Tab                | Copper Alloy    | Peak Soldering Time, recommended   | -               |
| Tension Spring            | Stainless Steel |                                    |                 |

Colours

|  |                               |
|--|-------------------------------|
|  | PEBBLE GREY, RAL 7032         |
|  | ORANGE, RAL 2011              |
|  | BLUE, RAL 5015                |
|  | LIGHT GREEN, similar RAL 6018 |

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



Order Data (Spacing 5.0 mm)

| Poles | Width (mm) | Article Designation       | Article Number | PU  |
|-------|------------|---------------------------|----------------|-----|
| 1     | 7.20       | AK3000/1-5.0-PEBBLE GREY  | 53000010001 G  | 250 |
| 2     | 12.20      | AK3000/2-5.0-PEBBLE GREY  | 53000020001 F  | 200 |
| 3     | 17.20      | AK3000/3-5.0-PEBBLE GREY  | 53000030001 F  | 200 |
| 4     | 22.20      | AK3000/4-5.0-PEBBLE GREY  | 53000040001 F  | 200 |
| 5     | 27.20      | AK3000/5-5.0-PEBBLE GREY  | 53000050001 E  | 100 |
| 6     | 32.20      | AK3000/6-5.0-PEBBLE GREY  | 53000060001 E  | 100 |
| 7     | 37.20      | AK3000/7-5.0-PEBBLE GREY  | 53000070001 E  | 100 |
| 8     | 42.20      | AK3000/8-5.0-PEBBLE GREY  | 53000080001 D  | 50  |
| 9     | 47.20      | AK3000/9-5.0-PEBBLE GREY  | 53000090001 D  | 50  |
| 10    | 52.20      | AK3000/10-5.0-PEBBLE GREY | 53000100001 D  | 50  |
| 11    | 57.20      | AK3000/11-5.0-PEBBLE GREY | 53000110001 D  | 50  |
| 12    | 62.20      | AK3000/12-5.0-PEBBLE GREY | 53000120001 D  | 50  |
| 13    | 67.20      | AK3000/13-5.0-PEBBLE GREY | 53000130001 D  | 50  |
| 14    | 72.20      | AK3000/14-5.0-PEBBLE GREY | 53000140001 D  | 50  |
| 15    | 77.20      | AK3000/15-5.0-PEBBLE GREY | 53000150001 D  | 50  |
| 16    | 82.20      | AK3000/16-5.0-PEBBLE GREY | 53000160001 D  | 50  |
| 17    | 87.20      | AK3000/17-5.0-PEBBLE GREY | 53000170001 D  | 50  |
| 18    | 92.20      | AK3000/18-5.0-PEBBLE GREY | 53000180001 D  | 50  |
| 19    | 97.20      | AK3000/19-5.0-PEBBLE GREY | 53000190001 D  | 50  |
| 20    | 102.20     | AK3000/20-5.0-PEBBLE GREY | 53000200001 D  | 50  |
| 21    | 107.20     | AK3000/21-5.0-PEBBLE GREY | 53000210001 D  | 50  |
| 22    | 112.20     | AK3000/22-5.0-PEBBLE GREY | 53000220001 D  | 50  |
| 23    | 117.20     | AK3000/23-5.0-PEBBLE GREY | 53000230001 D  | 50  |
| 24    | 122.20     | AK3000/24-5.0-PEBBLE GREY | 53000240001 D  | 50  |

Accessoires

| Figure | Designation                                          | Article Number       |
|--------|------------------------------------------------------|----------------------|
|        | 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 |

Ratings

|                 |           |   |           |                                                                                              |         |
|-----------------|-----------|---|-----------|----------------------------------------------------------------------------------------------|---------|
|                 |           |   |           |                                                                                              |         |
| UseGroup        | B         | C | D         |                                                                                              |         |
| Rated Voltage   | 300 V     | - | 300 V     | See pages 282 ff for detail and general accessories and see pages 12/13 concerning services. |         |
| Rated Current   | 15 A      | - | 10 A      | 24 A                                                                                         |         |
| Rated Wire Size |           |   | min       |                                                                                              | max     |
| - solid         | AWG 28-14 | - | AWG 28-14 | 0.5 mm²                                                                                      | 2.5 mm² |
| -stranded       | AWG 28-14 | - | AWG 28-14 | 0.5 mm²                                                                                      | 2.5 mm² |
| Test Voltage    | 1.60 kV   | - | 1.60 kV   | 2.0 kV                                                                                       |         |