



Highlights

- 2 to 24 poles
- Push-In connection
- Spacing 5.0 mm
- Wire entry parallel to plugging direction
- Coding with coding star
- With snap-in hooks to snap onto the pin strip
- Lever for easy opening of clamping point
- Test jack on every clamping point

Wire Sizes

Solid min	0.2 mm ²
Solid max	2.5 mm ²
Stranded (flexible) min	0.2 mm ²
Stranded (flexible) max	2.5 mm ²
Stranded with ferrule min	0.25 mm ²
Stranded with ferrule max	2.5 mm ²

Dimensions

Stripped length	12.0 mm
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Materials

Contact spring	Copper Alloy
Clamp spring	Stainless Steel

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	-

Spacing 5.0 mm

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Colours

BASALT GREY, RAL 7012

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	-	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 mm ²	2.5 mm ² (12 A)
- stranded	-	-	-	-	-
- stranded (flexible)	AWG 26-12	-	AWG 26-12	0.2 mm ²	2.5 mm ² (12 A)
Test voltage	1.60 kV	-	1.60 kV	4.0 kV	
Pollution degree				3	

Counterparts (Spacing 5.0 mm)

Pin Strip

STL950	STL950-HT	STL950-G-HT	STL955	STL975
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In combination of connectors with different admission data, the lower value is valid.

Accessoires

Figure	Designation	Article Number
	Coding Star CS1-5.0/5.08-RED	Art.-Nr. 50000000021
	Series AK(Z)4951 with pull relief	Art.-Nr. on request

Spacing 5.0 mm

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	AK4951/2KD-5.0-BASALTGREY	54951020401 D	50
3	15.00	AK4951/3KD-5.0-BASALTGREY	54951030401 D	50
4	20.00	AK4951/4KD-5.0-BASALTGREY	54951040401 D	50
5	25.00	AK4951/5KD-5.0-BASALTGREY	54951050401 D	50
6	30.00	AK4951/6KD-5.0-BASALTGREY	54951060401 D	50
7	35.00	AK4951/7KD-5.0-BASALTGREY	54951070401 D	50
8	40.00	AK4951/8KD-5.0-BASALTGREY	54951080401 D	50
9	45.00	AK4951/9KD-5.0-BASALTGREY	54951090401 D	50
10	50.00	AK4951/10KD-5.0-BASALTGREY	54951100401 D	50
11	55.00	AK4951/11KD-5.0-BASALTGREY	54951110401 D	50
12	60.00	AK4951/12KD-5.0-BASALTGREY	54951120401 D	50
13	65.00	AK4951/13KD-5.0-BASALTGREY	54951130401 D	50
14	70.00	AK4951/14KD-5.0-BASALTGREY	54951140401 D	50
15	75.00	AK4951/15KD-5.0-BASALTGREY	54951150401 D	50
16	80.00	AK4951/16KD-5.0-BASALTGREY	54951160401 D	50
17	85.00	AK4951/17KD-5.0-BASALTGREY	54951170401 D	50
18	90.00	AK4951/18KD-5.0-BASALTGREY	54951180401 D	50
19	95.00	AK4951/19KD-5.0-BASALTGREY	54951190401 D	50
20	100.00	AK4951/20KD-5.0-BASALTGREY	54951200401 D	50
21	105.00	AK4951/21KD-5.0-BASALTGREY	54951210401 D	50
22	110.00	AK4951/22KD-5.0-BASALTGREY	54951220401 D	50
23	115.00	AK4951/23KD-5.0-BASALTGREY	54951230401 D	50
24	120.00	AK4951/24KD-5.0-BASALTGREY	54951240401 D	50



PTR HARTMANN

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Technical Data // **AK4951/..KD-5.0-BASALTGREY**

Spacing 5.0 mm

Technical drawing

