PTR HARTMANN
A Phoenix Mecano Company



Highlights	
2 to 24 poles	
Push-In connection	
Spacing 5.08 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 mm²
Solid max	2.5 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	12.0 mm
Materials	
Contact spring	Copper Alloy
Clamp spring	Stainless Steel
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	-

Spacing 5.08 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

	c UL us			VDE	
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 (12 A)
- stranded	AWG 26-12	-	AWG 26-12	0.2 mm²	2.5 mm² (12 A)
Test voltage	1.60 kV	-	1.60 kV	4.0 kV	
Pollution degree				3	

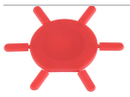
Counterparts (Spacing 5.08 mm)

Pin Strip/Terminal Block

STLZ950	STLZ950-HT	STLZ950-G-HT	STLZ970	STLZ990	AKZS950

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	Order Data: 50000000021
	Series AK(Z)4951 with pull relief	Order Data: on request

Spacing 5.08 mm

Order Data (Spacing 5.08 mm)

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

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Technical drawing

