PTR HARTMANN
A Phoenix Mecano Company



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	
With fixing flange	
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	
Screw, flange	Steel
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

Spacing 5.0 mm

Wave Soldering Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

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

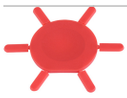
		c UL us		VDE	
UseGroup	B	C	D		
Rated voltage	300 V	-	300 V	250 V	
Rated current	10 A	-	10 A	12 A	
Overvoltage category				III	
Rated wire size				min	max
- solid	AWG 26-12	-	AWG 26-12	0.2 mm²	2.5 mm² (12 A)
- stranded	AWG 26-12	-	AWG 26-12	0.2 mm²	2.5 mm² (12 A)
Test voltage	1.60 kV	-	1.60 kV	4.0 kV	
Pollution degree				3	

Counterparts (Spacing 5.0 mm)

Pin Strip	
STL950	STL950-HT

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

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Spacing 5.0 mm

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	AK4951/2FKD-5.0-BASALTGREY	54951022401 D	50
3	25.00	AK4951/3FKD-5.0-BASALTGREY	54951032401 D	50
4	30.00	AK4951/4FKD-5.0-BASALTGREY	54951042401 D	50
5	35.00	AK4951/5FKD-5.0-BASALTGREY	54951052401 D	50
6	40.00	AK4951/6FKD-5.0-BASALTGREY	54951062401 D	50
7	45.00	AK4951/7FKD-5.0-BASALTGREY	54951072401 D	50
8	50.00	AK4951/8FKD-5.0-BASALTGREY	54951082401 D	50
9	55.00	AK4951/9FKD-5.0-BASALTGREY	54951092401 D	50
10	60.00	AK4951/10FKD-5.0-BASALTGREY	54951102401 D	50
11	65.00	AK4951/11FKD-5.0-BASALTGREY	54951112401 D	50
12	70.00	AK4951/12FKD-5.0-BASALTGREY	54951122401 D	50
13	75.00	AK4951/13FKD-5.0-BASALTGREY	54951132401 D	50
14	80.00	AK4951/14FKD-5.0-BASALTGREY	54951142401 D	50
15	85.00	AK4951/15FKD-5.0-BASALTGREY	54951152401 D	50
16	90.00	AK4951/16FKD-5.0-BASALTGREY	54951162401 D	50
17	95.00	AK4951/17FKD-5.0-BASALTGREY	54951172401 D	50
18	100.00	AK4951/18FKD-5.0-BASALTGREY	54951182401 D	50
19	105.00	AK4951/19FKD-5.0-BASALTGREY	54951192401 D	50
20	110.00	AK4951/20FKD-5.0-BASALTGREY	54951202401 D	50
21	115.00	AK4951/21FKD-5.0-BASALTGREY	54951212401 D	50
22	120.00	AK4951/22FKD-5.0-BASALTGREY	54951222401 D	50
23	125.00	AK4951/23FKD-5.0-BASALTGREY	54951232401 D	50
24	130.00	AK4951/24FKD-5.0-BASALTGREY	54951242401 D	50

Spacing 5.0 mm

Technical drawing

