



Highlights

- 2 to 20 poles
- Push-In connection
- Spacing 3.5 mm
- Wire entry parallel to plugging direction
- Coding with coding nose
- Lever for easy opening of clamping point
- With fixing flange
- Test jack on every clamping point

Wire Sizes

Solid min	0.14 mm ²
Solid max	2.5 mm ²
Stranded (flexible) min	0.14 mm ²
Stranded (flexible) max	1.5 mm ²
Stranded with ferrule min	0.25 mm ²
Stranded with ferrule max	1.0 mm ²

Dimensions

Stripped length	11.0 mm
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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 3.5 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 [®] AL [®] US		VDE	
UseGroup	B	C	D		
Rated voltage	300 V	-	300 V	160 V	
Rated current	10 A	-	10 A	10 A	
Overvoltage category				III	
Rated wire size			min		max
- solid	AWG 26-16	-	AWG 26-16	0.14 mm ² (3 A)	2.5 mm ² (10 A)
- stranded	AWG 26-16	-	AWG 26-16	0.14 mm ² (3 A)	1.5 mm ² (10 A)
Test voltage	1.60 kV	-	1.60 kV	2.5 kV	
Pollution degree				3	

Counterparts (Spacing 3.5 mm)

Pin Strip

STL1550

In combination of connectors with different admission data, the lower value is valid.

Accessoires

Figure	Designation	Article Number
	Series AK(Z)4551 with pull relief	Order Data: on request



Technical Data // AK4551/..FKD-3.5-BASALTGREY

PTR HARTMANN

A Phoenix Mecano Company

Spacing 3.5 mm

Order Data (Spacing 3.5 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	17.00	AK4551/2FKD-3.5-BASALTGREY	54551022401 F	200
3	20.50	AK4551/3FKD-3.5-BASALTGREY	54551032401 F	200
4	24.00	AK4551/4FKD-3.5-BASALTGREY	54551042401 F	200
5	27.50	AK4551/5FKD-3.5-BASALTGREY	54551052401 F	200
6	31.00	AK4551/6FKD-3.5-BASALTGREY	54551062401 E	100
7	34.50	AK4551/7FKD-3.5-BASALTGREY	54551072401 E	100
8	38.00	AK4551/8FKD-3.5-BASALTGREY	54551082401 D	50
9	41.50	AK4551/9FKD-3.5-BASALTGREY	54551092401 D	50
10	45.00	AK4551/10FKD-3.5-BASALTGREY	54551102401 D	50
11	48.50	AK4551/11FKD-3.5-BASALTGREY	54551112401 D	50
12	52.00	AK4551/12FKD-3.5-BASALTGREY	54551122401 D	50
13	55.50	AK4551/13FKD-3.5-BASALTGREY	54551132401 D	50
14	59.00	AK4551/14FKD-3.5-BASALTGREY	54551142401 D	50
15	62.50	AK4551/15FKD-3.5-BASALTGREY	54551152401 D	50
16	66.00	AK4551/16FKD-3.5-BASALTGREY	54551162401 D	50
17	69.50	AK4551/17FKD-3.5-BASALTGREY	54551172401 D	50
18	73.00	AK4551/18FKD-3.5-BASALTGREY	54551182401 D	50
19	76.50	AK4551/19FKD-3.5-BASALTGREY	54551192401 D	50
20	80.00	AK4551/20FKD-3.5-BASALTGREY	54551202401 D	50

Technical drawing

