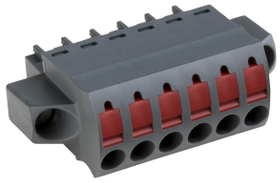
PTR HARTMANN
A Phoenix Mecano Company



Highlights	
2 to 20 poles	
Push-In connection	
Spacing 3.81 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 mm²
Solid max	2.5 mm²
Stranded (flexible) min	0.14 mm²
Stranded (flexible) max	1.5 mm²
Stranded with ferrule min	0.25 mm²
Stranded with ferrule max	1.0 mm²
Dimensions	
Stripped length	11.0 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 3.81 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	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 mm² (3 A)	2.5 mm² (10 A)
- stranded	AWG 26-16	-	AWG 26-16	0.14 mm² (3 A)	1.5 mm² (10 A)
Test voltage	1.60 kV	-	1.60 kV	2.5 kV	
Pollution degree				3	

Counterparts (Spacing 3.81 mm)

Pin Strip	
STLZ1550	STLZ1570

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

Spacing 3.81 mm

Order Data (Spacing 3.81 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	17.62	AKZ4551/2FKD-3.81-BASALTGREY	54551022421 F	200
3	21.43	AKZ4551/3FKD-3.81-BASALTGREY	54551032421 F	200
4	25.24	AKZ4551/4FKD-3.81-BASALTGREY	54551042421 F	200
5	29.05	AKZ4551/5FKD-3.81-BASALTGREY	54551052421 F	200
6	32.86	AKZ4551/6FKD-3.81-BASALTGREY	54551062421 E	100
7	36.67	AKZ4551/7FKD-3.81-BASALTGREY	54551072421 E	100
8	40.48	AKZ4551/8FKD-3.81-BASALTGREY	54551082421 D	50
9	44.29	AKZ4551/9FKD-3.81-BASALTGREY	54551092421 D	50
10	48.10	AKZ4551/10FKD-3.81-BASALTGREY	54551102421 D	50
11	51.91	AKZ4551/11FKD-3.81-BASALTGREY	54551112421 D	50
12	55.72	AKZ4551/12FKD-3.81-BASALTGREY	54551122421 D	50
13	59.53	AKZ4551/13FKD-3.81-BASALTGREY	54551132421 D	50
14	63.34	AKZ4551/14FKD-3.81-BASALTGREY	54551142421 D	50
15	67.15	AKZ4551/15FKD-3.81-BASALTGREY	54551152421 D	50
16	70.96	AKZ4551/16FKD-3.81-BASALTGREY	54551162421 D	50
17	74.77	AKZ4551/17FKD-3.81-BASALTGREY	54551172421 D	50
18	78.58	AKZ4551/18FKD-3.81-BASALTGREY	54551182421 D	50
19	82.39	AKZ4551/19FKD-3.81-BASALTGREY	54551192421 D	50
20	86.20	AKZ4551/20FKD-3.81-BASALTGREY	54551202421 D	50

Technical drawing

