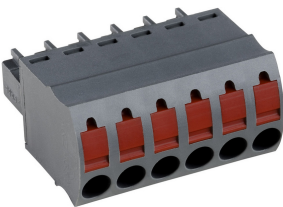


AKZ4551/..KD-3.81-BASALT GREY



Technical Data

Wire sizes		Insulating Material	
Solid min	0.14 mm²	Material	PA 6.6
Solid max	2.5 mm²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14mm²	Temperatures	
Stranded (flexible) max	1.5 mm²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm²	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	1.0 mm²	Wave Soldering Process	
Dimensions		Soldering Temperature, recommended	-
Stripped Length	11.0 mm	Peak Soldering Time, recommended	-
Materials		Reflow Process	
Contact Spring	Copper Alloy	Soldering Temperature, recommended	-
Clamp Spring	Stainless Steel	Peak Soldering Time, recommended	-

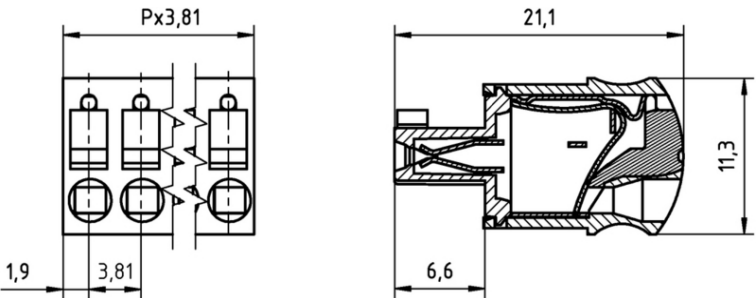
Colours

	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.

Counterparts (Spacing 3.81 mm)

Pin Strip		
STLZ1550	STLZ1570	STLZ1590
In combination of connectors with different admission data, the lower value is valid.		



Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.62	AKZ4551/2KD-3.81-BASALT GREY	54551020421 F	200
3	11.43	AKZ4551/3KD-3.81-BASALT GREY	54551030421 F	200
4	15.24	AKZ4551/4KD-3.81-BASALT GREY	54551040421 F	200
5	19.05	AKZ4551/5KD-3.81-BASALT GREY	54551050421 F	200
6	22.86	AKZ4551/6KD-3.81-BASALT GREY	54551060421 E	100
7	26.67	AKZ4551/7KD-3.81-BASALT GREY	54551070421 E	100
8	30.48	AKZ4551/8KD-3.81-BASALT GREY	54551080421 D	50
9	34.29	AKZ4551/9KD-3.81-BASALT GREY	54551090421 D	50
10	38.10	AKZ4551/10KD-3.81-BASALT GREY	54551100421 D	50
11	41.91	AKZ4551/11KD-3.81-BASALT GREY	54551110421 D	50
12	45.72	AKZ4551/12KD-3.81-BASALT GREY	54551120421 D	50
13	49.53	AKZ4551/13KD-3.81-BASALT GREY	54551130421 D	50
14	53.34	AKZ4551/14KD-3.81-BASALT GREY	54551140421 D	50
15	57.15	AKZ4551/15KD-3.81-BASALT GREY	54551150421 D	50
16	60.96	AKZ4551/16KD-3.81-BASALT GREY	54551160421 D	50
17	64.77	AKZ4551/17KD-3.81-BASALT GREY	54551170421 D	50
18	68.58	AKZ4551/18KD-3.81-BASALT GREY	54551180421 D	50
19	72.39	AKZ4551/19KD-3.81-BASALT GREY	54551190421 D	50
20	76.20	AKZ4551/20KD-3.81-BASALT GREY	54551200421 D	50

Accessoires

Figure	Designation	Article Number
	Series AK(Z)4551 with pull relief	Art.-Nr. on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

					
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