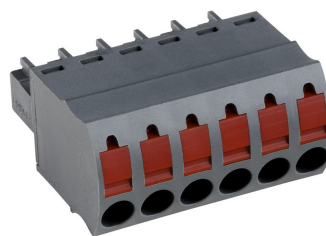


AKZ4551/..KD-3.81-BASALT GREY



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible)		Temperatures	
min	0.14 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded (flexible)		Wave Soldering Process	
max	1.5 mm ²	Soldering Temperature, recommended	-
Stranded with Ferrule		Reflow Process	
min	0.25 mm ²	Soldering Temperature, recommended	-
Stranded with Ferrule		Peak Soldering Time, recommended	
max	1.0 mm ²	Peak Soldering Time, recommended	
Dimensions		Materials	
Stripped Length	11.0 mm	Contact Spring	Copper Alloy
		Clamp Spring	Stainless Steel

Colours

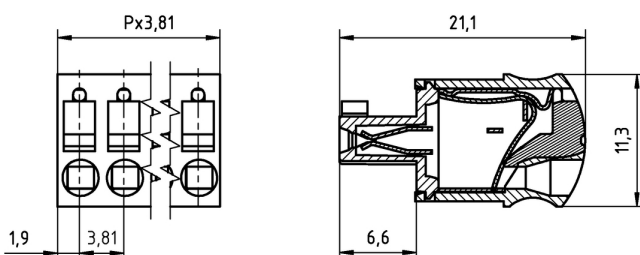
	BASALT GREY, RAL7012
	GREEN, RAL6018
	LIGHT GREEN, similar RAL 6018

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/Terminal Blocks		
STLZ1550	STLZ1590	STLZ1570

If there are combinations with different ratings, the lower value is valid.



Order Data (Spacing mm)

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

Accessories

Figure	Designation	Article Number
	Serie AK(Z)4551 mit Zuglasche	on request

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					
	solid	AWG 26-16	-	AWG 26-16	min 0.14 mm² (3 A) max 2.5 mm² (10 A)
	stranded	AWG 26-16	-	AWG 26-16	0.14 mm² (3 A) 1.5 mm² (10 A)
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV	
Pollution Degree	3				