



## AK4210/..VP-7.5-H-baGY

1- to n-poles

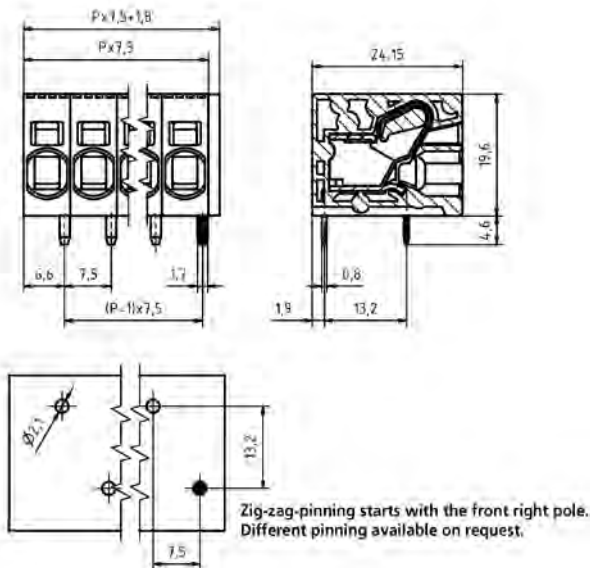
## Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm <sup>2</sup>	Material	PA 6.6
Solid max	10.0 mm <sup>2</sup>	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm <sup>2</sup>	<b>Temperatures</b>	
Stranded (flexible) max	6.0 mm <sup>2</sup>	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm <sup>2</sup>	<b>Wave Soldering Process</b>	
Stranded with Ferrule max	6.0 mm <sup>2</sup>	Soldering Temperature, recommended	265 °C
<b>Dimensions</b>		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	15.0 mm	<b>Reflow Process</b>	
PCB Hole Diameter	2.1 mm	Soldering Temperature, recommended	-
<b>Materials</b>		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Clamp Spring	Stainless Steel		

## Colours

■ BASALT GREY, RAL 7012      ■ BLACK, RAL 9011


Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



## Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	9.25	AK4210/1VP-7.5-H-baGY	54210010407E	100
2	16.75	AK4210/2VP-7.5-H-baGY	54210020407D	50
3	24.25	AK4210/3VP-7.5-H-baGY	54210030407D	50
4	31.75	AK4210/4VP-7.5-H-baGY	54210040407D	50
5	39.25	AK4210/5VP-7.5-H-baGY	54210050407D	50
6	46.75	AK4210/6VP-7.5-H-baGY	54210060407D	50
7	54.25	AK4210/7VP-7.5-H-baGY	54210070407D	50
8	61.75	AK4210/8VP-7.5-H-baGY	54210080407D	50
9	69.25	AK4210/9VP-7.5-H-baGY	54210090407D	50
10	76.75	AK4210/10VP-7.5-H-baGY	54210100407D	50
11	84.25	AK4210/11VP-7.5-H-baGY	54210110407D	50
12	91.75	AK4210/12VP-7.5-H-baGY	54210120407D	50

## Accessories

Figure	Designation	Article Number
	Spacer SPC-AK4210-H-baGY	54210000000

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

## Ratings

Usegroup	c ALUS			VDE	
	B	C	D	1000 V	
Rated Voltage	600 V	600 V	600 V	1000 V	
Rated Current	35 A	35 A	5 A	41 A	
Overvoltage Category				III	
Rated Wire Size			min		max
solid	AWG 24-8	AWG 24-8	AWG 24-8	0.2 mm <sup>2</sup>	10.0 mm <sup>2</sup>
stranded	AWG 24-8	AWG 24-8	AWG 24-8	0.2 mm <sup>2</sup>	6.0 mm <sup>2</sup>
Test Voltage	2.2 kV	2.2 kV	2.2 kV	3.5 kV	