

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

- 2 to n poles



A Phoenix Mecano Brand

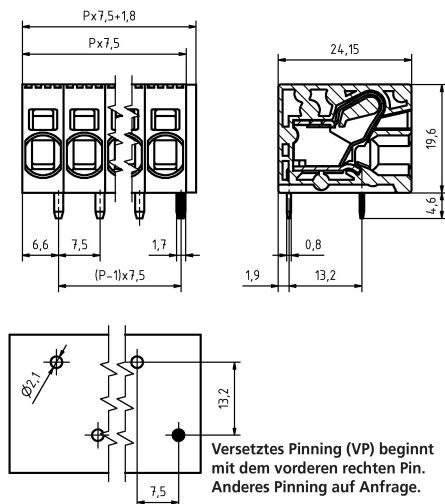
## Technical Data

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	0.2mm <sup>2</sup>	<b>Temperatures</b>	
Stranded (flexible) max	6.0 mm <sup>2</sup>	Operating Temperature (without mech. load)	-40 °C - 105 °C
Stranded with Ferrule min	0.25 mm <sup>2</sup>	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	6.0 mm <sup>2</sup>	<b>Wave Soldering Process</b>	
<b>Dimensions</b>		Soldering Temperature, recommended	260 °C
Stripped Length	15.0 mm	Peak Soldering Time, recommended	3-4 s
PCB Hole Diameter	2.1 mm	<b>Reflow Process</b>	
<b>Materials</b>		Soldering Temperature, recommended	-
Solder Tab	Copper Alloy	Peak Soldering Time, recommended	-
Clamp Spring	Stainless Steel		

## Colours

	BASALT GREY, RAL 7012
	BLACK, RAL 9011
	LIGHT GREEN, similar RAL 6018
	GREEN, RAL 6018
	BLUE, RAL 5015

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
2	16.75	AK4210/2VP-7.5-H-baGY	54210020407 D	50
3	24.25	AK4210/3VP-7.5-H-baGY	54210030407 D	50
4	31.75	AK4210/4VP-7.5-H-baGY	54210040407 D	50
5	39.25	AK4210/5VP-7.5-H-baGY	54210050407 D	50
6	46.75	AK4210/6VP-7.5-H-baGY	54210060407 D	50
7	54.25	AK4210/7VP-7.5-H-baGY	54210070407 D	50
8	61.75	AK4210/8VP-7.5-H-baGY	54210080407 D	50
9	69.25	AK4210/9VP-7.5-H-baGY	54210090407 D	50
10	76.75	AK4210/10VP-7.5-H-baGY	54210100407 D	50
11	84.25	AK4210/11VP-7.5-H-baGY	54210110407 D	50
12	91.75	AK4210/12VP-7.5-H-baGY	54210120407 D	50

## Accessoires

Figure	Designation	Article Number
	Spacer SPC-AK4210-H-baGY	Order Data: 54210000000

## Ratings

UseGroup	C <sup>RU</sup> US			VDE	
	B	C	D		
Rated Voltage	600 V	600 V	600 V	1000 V	
Rated Current	35 A	35 A	5 A	41 A	
Overtoltage 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	2.20 kV	2.20 kV	2.20 kV	3.5 kV	