



Highlights

2 to n poles

1 pole module

Push-In connection

Spacing 7.5 mm

Wire entry parallel to PCB

Alternating pinning starts with the front right pole

Max. 1.000 V

41 A with 6.0 mm² wire

Available in green-yellow marbled

Wire Sizes

Solid min	0.2 mm ²
Solid max	10.0 mm ²
Stranded (flexible) min	0.2 mm ²
Stranded (flexible) max	6.0 mm ²
Stranded with ferrule min	0.25 mm ²
Stranded with ferrule max	6.0 mm ²

Dimensions

Stripped length	15.0 mm
PCB hole diameter	2.1 mm

Materials

Solder tab	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

**Technical Data // AK4210/..VP-7.5-H-BAGY**

Spacing 7.5 mm

Wave Soldering Process

Soldering temperature, recommended 260 °C

Peak soldering time, recommended 3-4 s

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

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.**Ratings**

UseGroup	C  US				
	B	C	D		
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 ²	10.0 mm ²
- stranded	AWG 24-8	AWG 24-8	AWG 24-8	0.2 mm ²	6.0 mm ²
Test voltage	2.20 kV	2.20 kV	2.20 kV	3.5 kV	

Accessoires

Figure	Designation	Article Number
	Spacer SPC-AK4210-H-baGY	Order Data: 5421000000



Technical Data // **AK4210/..VP-7.5-H-BAGY**

Spacing 7.5 mm

Order Data (Spacing 7.5 mm)

Number of 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

Technical drawing

