



Highlights

2 to n poles
1 pole module
Push-In connection
Spacing 7.5 mm
Wire entry vertical to PCB
Alternating pinning starts with the front right pole
Max. 1.000 V
41 A with 6.0 mm ² 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

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
TRAFFIC GREY, RAL 7042
BLACK, RAL 9011
LIGHT GREEN, similar RAL 6018
GREEN, RAL 6018
GREEN/YELLOW, RAL 6018 - 1018/S
BLUE, RAL 5015

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

Ratings

					
UseGroup	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 mm²	10.0 mm²
- stranded	AWG 24-8	AWG 24-8	AWG 24-8	0.2 mm²	6.0 mm²
Test voltage	2.20 kV	2.20 kV	2.20 kV	3.5 kV	

Accessoires

Figure	Designation	Article Number
	Spacer SPC-AK4210-V-baGY	Order Data: 54210000001



Technical Data // AK4210/..VP-7.5-V-BAGY

PTR HARTMANN

A Phoenix Mecano Company

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-V-baGY	54210020527 D	50
3	24.25	AK4210/3VP-7.5-V-baGY	54210030527 D	50
4	31.75	AK4210/4VP-7.5-V-baGY	54210040527 D	50
5	39.25	AK4210/5VP-7.5-V-baGY	54210050527 D	50
6	46.75	AK4210/6VP-7.5-V-baGY	54210060527 D	50
7	54.25	AK4210/7VP-7.5-V-baGY	54210070527 D	50
8	61.75	AK4210/8VP-7.5-V-baGY	54210080527 D	50
9	69.25	AK4210/9VP-7.5-V-baGY	54210090527 D	50
10	76.75	AK4210/10VP-7.5-V-baGY	54210100527 D	50
11	84.25	AK4210/11VP-7.5-V-baGY	54210110527 D	50
12	91.75	AK4210/12VP-7.5-V-baGY	54210120527 D	50

Technical drawing

