



Highlights

- 1 to n poles
- 1 pole module
- Push-In connection
- Spacing 7.5 mm
- Wire entry parallel to PCB
- With two soldering pins
- 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 min	0.2 mm ²
Stranded max	10.0 mm ²
Stranded (flexible) min	0.2 mm ²
Stranded (flexible) max	10.0 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	-40 °C (without mech. load) - 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

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	B	C	D		
Rated voltage	300 V	300 V	300 V	450 V	
Rated current	35 A	35 A	10 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	6.0 mm ²
- stranded		AWG 24-8	AWG 24-8	0.2 mm ²	10.0 mm ²
- stranded (flexible)	AWG 24-8	AWG 24-8	AWG 24-8	0.2 mm ²	10.0 mm ²
Test voltage	1.60 kV	1.60 kV	1.60 kV	2.5 kV	

Accessoires

Figure	Designation	Article Number
	Spacer SPC-AK4210-H-baGY	Art.-Nr. 54210000000



Technical Data // AK4210/..-7.5-H-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
1	9.25	AK4210/1-7.5-H-baGY	54210010551 E	100
2	16.75	AK4210/2-7.5-H-baGY	54210020551 D	50
3	24.25	AK4210/3-7.5-H-baGY	54210030551 D	50
4	31.75	AK4210/4-7.5-H-baGY	54210040551 D	50
5	39.25	AK4210/5-7.5-H-baGY	54210050551 D	50
6	46.75	AK4210/6-7.5-H-baGY	54210060551 D	50
7	54.25	AK4210/7-7.5-H-baGY	54210070551 D	50
8	61.75	AK4210/8-7.5-H-baGY	54210080551 D	50
9	69.25	AK4210/9-7.5-H-baGY	54210090551 D	50
10	76.75	AK4210/10-7.5-H-baGY	54210100551 D	50
11	84.25	AK4210/11-7.5-H-baGY	54210110551 D	50
12	91.75	AK4210/12-7.5-H-baGY	54210120551 D	50

Technical drawing

