



Highlights

- 1 to n poles
- 1 pole module
- Push-In connection
- Spacing 5.0 mm
- Wire entry parallel to PCB
- 24 A with 2.5 mm² wire
- 15 different colors available

Wire Sizes

Solid min	0.2 mm ²
Solid max	4.0 mm ²
Stranded (flexible) min	0.2 mm ²
Stranded (flexible) max	2.5 mm ²
Stranded with ferrule min	0.2 mm ²
Stranded with ferrule max	2.5 mm ²

Dimensions

Stripped length	10.0 mm
PCB hole diameter	1.1 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

Wave Soldering Process

Soldering temperature, recommended	260 °C
Peak soldering time, recommended	3-4 s

Spacing 5.0 mm

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Colours

BASALT GREY, RAL 7012
TRAFFIC GREY, RAL 7042
LIGHT GREY, RAL 7035
BLACK, RAL 9011
LIGHT GREEN, similar RAL 6018
GREEN, RAL 6018
GREEN/YELLOW, RAL 6018 - 1018/5
RED, RAL 3003
ORANGE, RAL 2011
BLUE, RAL 5015
WHITE, RAL 9003

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	250 V	
Rated current	20 A	-	10 A	24 A	
Overvoltage category				III	
Rated wire size				min	max
- solid	AWG 24-12	-	AWG 24-12	0.2 mm ²	2.5 mm ²
- stranded	-	-	-	-	-
- stranded (flexible)	AWG 24-12	-	AWG 24-12	0.2 mm ²	2.5 mm ²
Test voltage	1.60 kV	-	1.60 kV	2.0 kV	

Accessoires

Figure	Designation	Article Number
	Espaciadores SPC-AK4200-baGY	Art.-Nr. 54200000000
	Side Wall with Coding Pin SW-AK4200-CP-H-baGY	Art.-Nr. 54200000002



Technical Data // AK4200/..-5.0-H-BAGY

PTR HARTMANN

A Phoenix Mecano Company

Spacing 5.0 mm

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
1	6.40	AK4200/1-5.0-H-baGY	54200010451 E	100
2	11.40	AK4200/2-5.0-H-baGY	54200020451 D	50
3	16.40	AK4200/3-5.0-H-baGY	54200030451 D	50
4	21.40	AK4200/4-5.0-H-baGY	54200040451 D	50
5	26.40	AK4200/5-5.0-H-baGY	54200050451 D	50
6	31.40	AK4200/6-5.0-H-baGY	54200060451 D	50
7	36.40	AK4200/7-5.0-H-baGY	54200070451 D	50
8	41.40	AK4200/8-5.0-H-baGY	54200080451 D	50
9	46.40	AK4200/9-5.0-H-baGY	54200090451 D	50
10	51.40	AK4200/10-5.0-H-baGY	54200100451 D	50
11	56.40	AK4200/11-5.0-H-baGY	54200110451 D	50
12	61.40	AK4200/12-5.0-H-baGY	54200120451 D	50

Technical drawing

