

AK4200/..-5.0-H-BAGY



PTR

A Phoenix Mecano Brand

- 1- to n-poles

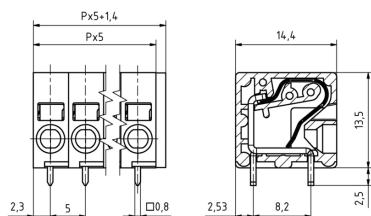
Technical Data

Wire sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature (without mech. load)	-40 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	2.5 mm ²	Wave Soldering Process	
Dimensions		Soldering Temperature, recommended	260 °C
Stripped Length	10.0 mm	Peak Soldering Time, recommended	3-4 s
PCB Hole Diameter	1.1 mm	Reflow Process	
Materials		Soldering Temperature, recommended	-
Solder Tab	Copper Alloy	Peak Soldering Time, recommended	-
Clamp Spring	Stainless Steel		

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/S
	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.



Order Data (Spacing 5.0 mm)

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

Accessoires

Figure	Designation	Article Number
	Spacer SPC-AK4200-baGY	Order Data: 54200000000
	Side Wall with Coding Pin SW-AK4200-CP-H-baGY	Order Data: 54200000000

Ratings

UseGroup	cRU [®] US			VDE	
	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	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	