

AK4200/..-5.0-V-BAGY

- 1- to n-poles



A Phoenix Mecano Brand

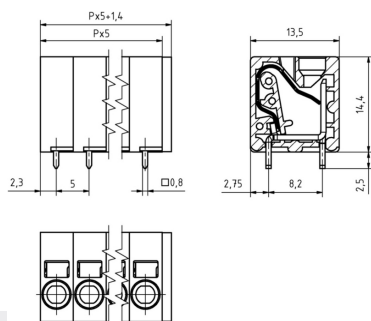
Technical Data

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 - 1018/5
	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.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	6.40	AK4200/1-5.0-V-baGY	54200010421 E	100
2	11.40	AK4200/2-5.0-V-baGY	54200020421 D	50
3	16.40	AK4200/3-5.0-V-baGY	54200030421 D	50
4	21.40	AK4200/4-5.0-V-baGY	54200040421 D	50
5	26.40	AK4200/5-5.0-V-baGY	54200050421 D	50
6	31.40	AK4200/6-5.0-V-baGY	54200060421 D	50
7	36.40	AK4200/7-5.0-V-baGY	54200070421 D	50
8	41.40	AK4200/8-5.0-V-baGY	54200080421 D	50
9	46.40	AK4200/9-5.0-V-baGY	54200090421 D	50
10	51.40	AK4200/10-5.0-V-baGY	54200100421 D	50
11	56.40	AK4200/11-5.0-V-baGY	54200110421 D	50
12	61.40	AK4200/12-5.0-V-baGY	54200120421 D	50

Accessoires

Figure	Designation	Article Number
	Spacer SPC-AK4200-baGY	Order Data: 54200000000
	Side Wall with Coding Pin SW-AK4200-CP-V-baGY	Order Data: 54200000001

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	