



Highlights

- 2 to 24 poles
- 1 pole module
- Spacing 5.0 mm
- Excenter type
- Wire entry parallel to PCB
- Wire entry and screw operation from one direction
- With two soldering pins
- ± screw M2.5
- 24 A with 2.5 mm² wire
- Higher pole numbers on request

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	0.25 mm ²
Stranded with ferrule max	2.5 mm ²

Dimensions

Stripped length	9.0 mm
PCB hole diameter	1.3 mm

Materials

Screw	Steel
Solder tab	Copper Alloy
Clamp cage	Steel
Excenter	Steel

Insulating Material

Material	PA 6.6
Flammability class	UL 94 V-0

Spacing 5.0 mm

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

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Colours

GREEN, RAL 6018

BLACK, RAL 9011

LIGHT GREEN, similar RAL 6018

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	150 V	300 V	250 V	
Rated current	20 A	20 A	10 A	24 A	
Rated wire size				min	max
- solid	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ²	2.5 mm ²
- stranded	-	-	-	-	-
- stranded (flexible)	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ²	2.5 mm ²
Torque	0.50 - 0.60 Nm	0.50 - 0.60 Nm	0.50 - 0.60 Nm	0.50 Nm	
Screw size	M2.5	M2.5	M2.5	M2.5	
Test voltage	1.60 kV	1.30 kV	1.60 kV	2.0 kV	

Accessoires

Figure	Designation	Article Number
	Spacer SPC-AK2200-GREEN	Art.-Nr. 52200000002

**PTR HARTMANN**

A Phoenix Mecano Company

Technical Data // AK2200/..-5.0-H-GREEN

Spacing 5.0 mm

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
1	7.50	AK2200/1-5.0-H-GREEN	52200010051 E	100
2	12.50	AK2200/2-5.0-H-GREEN	52200020051 D	50
3	17.50	AK2200/3-5.0-H-GREEN	52200030051 D	50
4	22.50	AK2200/4-5.0-H-GREEN	52200040051 D	50
5	27.50	AK2200/5-5.0-H-GREEN	52200050051 D	50
6	32.50	AK2200/6-5.0-H-GREEN	52200060051 D	50
7	37.50	AK2200/7-5.0-H-GREEN	52200070051 D	50
8	42.50	AK2200/8-5.0-H-GREEN	52200080051 D	50
9	47.50	AK2200/9-5.0-H-GREEN	52200090051 D	50
10	52.50	AK2200/10-5.0-H-GREEN	52200100051 D	50
11	57.50	AK2200/11-5.0-H-GREEN	52200110051 D	50
12	62.50	AK2200/12-5.0-H-GREEN	52200120051 D	50

Technical drawing