



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 mm²

Solid max 4.0 mm²

Stranded (flexible) min 0.2 mm²

Stranded (flexible) max 2.5 mm²

Stranded with ferrule min 0.25 mm²

Stranded with ferrule max 2.5 mm²

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

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

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



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

