



#### Wire Sizes

Solid min	0.2 mm <sup>2</sup>
Solid max	4.0 mm <sup>2</sup>
Stranded (flexible) min	0.2 mm <sup>2</sup>
Stranded (flexible) max	2.5 mm <sup>2</sup>
Stranded with ferrule min	0.25 mm <sup>2</sup>
Stranded with ferrule max	2.5 mm <sup>2</sup>

#### 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

#### Temperatures

Operating temperature (without mech. load)	-40 °C - 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	-

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

Spacing 5.0 mm

**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	cUL <sup>®</sup> US			VDE	
	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 <sup>2</sup>	2.5 mm <sup>2</sup>
- stranded	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>
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	Order Data: 52200000002

**Order Data (Spacing 5.0 mm)**

Number of Poles	Width (mm)	Article Designation	Article Number	PU
1	7.50	AK2200/1-5.0-V-GREEN	52200010001 E	100
2	12.50	AK2200/2-5.0-V-GREEN	52200020001 D	50
3	17.50	AK2200/3-5.0-V-GREEN	52200030001 D	50
4	22.50	AK2200/4-5.0-V-GREEN	52200040001 D	50
5	27.50	AK2200/5-5.0-V-GREEN	52200050001 D	50
6	32.50	AK2200/6-5.0-V-GREEN	52200060001 D	50
7	37.50	AK2200/7-5.0-V-GREEN	52200070001 D	50
8	42.50	AK2200/8-5.0-V-GREEN	52200080001 D	50
9	47.50	AK2200/9-5.0-V-GREEN	52200090001 D	50
10	52.50	AK2200/10-5.0-V-GREEN	52200100001 D	50
11	57.50	AK2200/11-5.0-V-GREEN	52200110001 D	50
12	62.50	AK2200/12-5.0-V-GREEN	52200120001 D	50



**PTR HARTMANN**

A Phoenix Mecano Company

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

Spacing 5.0 mm

Technical drawing

