



Highlights

- 2 to 16 poles
- Spacing 5.0 mm
- Excenter type
- Wire entry parallel to plugging direction
- Coding with coding star
- With snap-in hooks to snap onto the pin strip
- 17 to 24 poles 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	10.0 mm
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Materials

Screw	Steel
Contact spring	Bronze
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



Technical Data // AK1200/..-5.0-GREEN

Spacing 5.0 mm

Wave Soldering Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -



Colours

GREEN, RAL 6018

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	C  US				
	B	C	D		
Rated voltage	300 V	150 V	300 V	250 V	
Rated current	15 A	15 A	10 A	12 A	
Overvoltage category				III	
Rated wire size				min	max
- solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A)	2.5 mm ² (12 A)
- stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A)	2.5 mm ² (12 A)
Torque	0.50 Nm	0.50 Nm	0.50 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	4.0 kV	
Pollution degree				3	



Counterparts (Spacing 5.0 mm)

Pin Strip

STL950	STL950-HT	STL950-G-HT	STL955	STL975
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In combination of connectors with different admission data, the lower value is valid.

Accessoires

Figure	Designation	Article Number
	Coding Star CS4-5.0/5.08-RED	Order Data: 50000000026
	Series AKZ1200 with pull relief	Order Data: on request



Technical Data // **AK1200/..-5.0-GREEN**

Spacing 5.0 mm

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.08	AK1200/2-5.0-GREEN	51200020001 D	50
3	15.08	AK1200/3-5.0-GREEN	51200030001 D	50
4	20.08	AK1200/4-5.0-GREEN	51200040001 D	50
5	25.08	AK1200/5-5.0-GREEN	51200050001 D	50
6	30.08	AK1200/6-5.0-GREEN	51200060001 D	50
7	35.08	AK1200/7-5.0-GREEN	51200070001 D	50
8	40.08	AK1200/8-5.0-GREEN	51200080001 D	50
9	45.08	AK1200/9-5.0-GREEN	51200090001 D	50
10	50.08	AK1200/10-5.0-GREEN	51200100001 D	50
11	55.08	AK1200/11-5.0-GREEN	51200110001 D	50
12	60.08	AK1200/12-5.0-GREEN	51200120001 D	50
13	65.08	AK1200/13-5.0-GREEN	51200130001 D	50
14	70.08	AK1200/14-5.0-GREEN	51200140001 D	50
15	75.08	AK1200/15-5.0-GREEN	51200150001 D	50
16	80.08	AK1200/16-5.0-GREEN	51200160001 D	50

Technical drawing

