

Technical Data // AKZ1100/..-5.08-GREEN

Spacing 5.08 mm

**Highlights**

2 to 20 poles

Lift type

Spacing 5.08 mm

Wire entry vertical to plugging direction

Coding with coding star

With snap-in hooks to snap onto the pin strip

Wire SizesSolid min 0.2 mm²Solid max 4.0 mm²Stranded (flexible) min 0.2 mm²Stranded (flexible) max 2.5 mm²Stranded with ferrule min 0.25 mm²Stranded with ferrule max 2.5 mm²**Dimensions**

Stripped length 7.0 mm

Materials

Clamp Brass

Screw Steel

Contact spring Bronze

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 -

Peak soldering time, recommended -

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Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours



GREEN, RAL 6018

LIGHT GREY, RAL 7035

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	15 A	15 A	10 A	10 A	
Overvoltage category				III	
Rated wire size				min	max
- solid	AWG 22-10	AWG 22-10	AWG 22-10	0.5 mm ² (6 A)	2.5 mm ² (10 A)
- stranded	AWG 22-10	AWG 22-10	AWG 22-10	0.5 mm ² (6 A)	2.5 mm ² (10 A)
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw size	M3	M3	M3	M3	
Test voltage	1.60 kV	1.30 kV	1.60 kV	4.0 kV	
Pollution degree				3	

Counterparts (Spacing 5.08 mm)

Pin Strip/Terminal Block


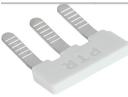

STLZ950	STLZ950-HT	STLZ950-G-HT	STLZ970	STLZ990	AKZ950	AKZS950
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In combination of connectors with different admission data, the lower value is valid.

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Accessoires

Figure	Designation	Article Number
	Series AK(Z)1100 with pull relief	Order Data: on request
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	Order Data: 50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	Order Data: 50000000007
	Coding Star CS1-5.0/5.08-RED	Order Data: 50000000021
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	Order Data: 50000000008
	Series AK(Z)1100 with separating element	Order Data: on request

Order Data (Spacing 5.08 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	AKZ1100/2-5.08-GREEN	51100020001 F	200
3	15.24	AKZ1100/3-5.08-GREEN	51100030001 F	200
4	20.32	AKZ1100/4-5.08-GREEN	51100040001 E	100
5	25.40	AKZ1100/5-5.08-GREEN	51100050001 E	100
6	30.48	AKZ1100/6-5.08-GREEN	51100060001 E	100
7	35.56	AKZ1100/7-5.08-GREEN	51100070001 E	100
8	40.64	AKZ1100/8-5.08-GREEN	51100080001 D	50
9	45.72	AKZ1100/9-5.08-GREEN	51100090001 D	50
10	50.80	AKZ1100/10-5.08-GREEN	51100100001 D	50
11	55.88	AKZ1100/11-5.08-GREEN	51100110001 D	50
...
18	91.44	AKZ1100/18-5.08-GREEN	51100180001 D	50
19	96.52	AKZ1100/19-5.08-GREEN	51100190001 D	50
20	101.60	AKZ1100/20-5.08-GREEN	51100200001 D	50

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Technical drawing

