

## AKZ1100/..-5.08-GREEN



## Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm <sup>2</sup>	Material	PA 6.6
solid max	4.0 mm <sup>2</sup>	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm <sup>2</sup>	<b>Temperatures</b>	
Stranded (flexible) max	2.5 mm <sup>2</sup>	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm <sup>2</sup>	<b>Wave Soldering Process</b>	
Stranded with Ferrule max	2.5 mm <sup>2</sup>	Soldering Temperature, recommended	-
<b>Dimensions</b>		Peak Soldering Time, recommended	-
Stripped Length	7.0 mm	<b>Reflow Process</b>	
<b>Materials</b>		Soldering Temperature, recommended	-
Clamp	Brass	Peak Soldering Time, recommended	-
Screw	Steel		
Contact Spring	Bronze		

## Colours

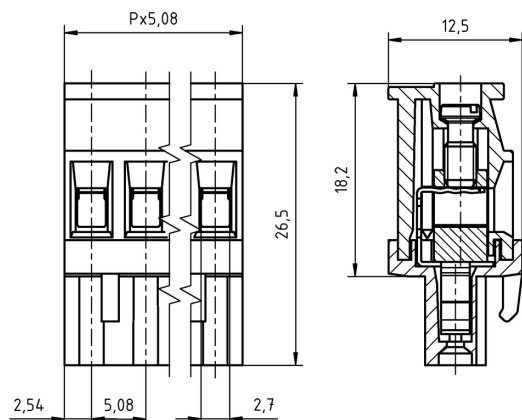
	GREEN, RAL6018
	LIGHT GREY, RAL7035
	LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions.  
Special colours on request.

## Counterparts (Spacing 5.08 mm)

Pin Strip/Terminal Blocks				
STLZ970	STLZ990	AKZ950-INV	STLZ950	AKZS950

If there are combinations with different ratings, the lower value is valid.



## Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	AKZ1100/2-5.08-GREEN	51100020001F	200
3	15.24	AKZ1100/3-5.08-GREEN	51100030001F	200
4	20.32	AKZ1100/4-5.08-GREEN	51100040001E	100
5	25.40	AKZ1100/5-5.08-GREEN	51100050001E	100
6	30.48	AKZ1100/6-5.08-GREEN	51100060001E	100
7	35.56	AKZ1100/7-5.08-GREEN	51100070001E	100
8	40.64	AKZ1100/8-5.08-GREEN	51100080001D	50
9	45.72	AKZ1100/9-5.08-GREEN	51100090001D	50
10	50.80	AKZ1100/10-5.08-GREEN	51100100001D	50
11	55.88	AKZ1100/11-5.08-GREEN	51100110001D	50
12	60.96	AKZ1100/12-5.08-GREEN	51100120001D	50
13	66.04	AKZ1100/13-5.08-GREEN	51100130001D	50
14	71.12	AKZ1100/14-5.08-GREEN	51100140001D	50
15	76.20	AKZ1100/15-5.08-GREEN	51100150001D	50
16	81.28	AKZ1100/16-5.08-GREEN	51100160001D	50

## Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Coding star CS1-5.0/5.08-RED	50000000021
	Serie AK(Z)1100 mit Trennelement	on request
	Series AK(Z)1100 with pull reliefs	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	
Overtoltage Category				III	
Rated Wire Size			min		max
	solid	AWG 22-10	AWG 22-10	AWG 22-10	0.5 mm <sup>2</sup> 2.5 mm <sup>2</sup> (10 A)
	stranded	AWG 22-10	AWG 22-10	AWG 22-10	0.5 mm <sup>2</sup> 2.5 mm <sup>2</sup> (10 A)
Torque	0.50 Nm		0.50 Nm	0.50 Nm	
Screw Size	M3		M3	M3	
Test Voltage	1.6 kV		1.6 kV	4.0 kV	
Pollution Degree				3	